FRv/T93

FAO Fisheries Technical Paper No. 93
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1969
RESEARCH FLEET OF THE WORLD

by

Norio Fujinami

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
ROME, 1969

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FAO Fisheries Circular FR /C (No.)
FAO Fisheries Synopsis FR /S (No.)

Special groups of synopses are identified by symbols followed by classification numbers based on indexed code of "Current Bibliography":

SAST Data concerning certain species and fish stocks.

MAST Information on methods and subjects.

OT Oceanographic data.

IT Limnological data.

and

CART Information concerning fisheries and resources of certain countries and regions (FID/S).

Des catégories spéciales de synopses sont identifiées à l'aide de symboles suivis des chiffres de classification basés sur le code d'indexation de la « Current Bibliography »:

SAST Données sur certaines espèces et populations de poissons.

MAST Renseignements sur des méthodes et des sujets.

OT Données océanographiques.

IT Données limnologiques.

et

CART Renseignements sur les pêcheries et les ressources de certains pays et régions (FID/S).

Grupos especiales de sinopsis se distinguen con las siglas siguientes, seguidas por números de clasificación que se basan en las claves de los índices de la « Current Bibliography ».

SAST Datos relativos a ciertas especies y poblaciones.

MAST Sinopsis sobre métodos y materias.

OT Sinopsis sobre oceanografía.

IT Sinopsis sobre limnología.

y

CART Información sobre los recursos acuáticos vivos de algunos países y regiones (FID/S).

FAO Fisheries Technical Paper FR /T (No.)

Special groups of Technical Papers are identified by:

RE Indexed lists of experts and institutions drawn from Registers maintained by the Fishery Resources and Exploitation Division.

CB Lists of periodicals, special sections of "Current Bibliography for Aquatic Sciences and Fisheries," special bibliographies and papers concerning documentation problems.

MFS Provisional editions of "FAO Manuals in Fisheries Science."

Some documents also have another identification, if, for example, they have been contributed to a meeting for which papers have been numbered according to another system.

Des catégories spéciales de documents techniques sont identifiées à l'aide des symboles suivants:

RE Listes indexées d'experts et institutions tirées des registres tenus à jour par la Division des ressources et de l'exploitation des pêches.

CB Listes de périodiques, des sections spéciales de la « Current Bibliography for Aquatic Sciences and Fisheries », des bibliographies particulières et des articles sur les problèmes de documentation.

MFS Editions provisoires des « Manuels FAO de science halieutique ».

Certains documents portent parfois d'autres numéros d'identification, par exemple s'ils ont été préparés pour une réunion dont les documents ont été marqués à l'aide d'un autre système.

Grupos especiales de documentos técnicos se identifican por las siglas siguientes:

RE Listas índices de expertos y de instituciones tomadas de los registros que se llevan en la Dirección de Recursos Pesqueros y Explotación.

CB Listas de periódicos, secciones especiales de la « Current Bibliography for Aquatic Sciences and Fisheries », bibliografías especiales y trabajos relativos a los problemas de documentación.

MFS Ediciones provisionales de los « Manuales de la FAO de Ciencias Pesqueras ».

Algunos documentos tienen también otra identificación si, por ejemplo, son contribuciones a una reunión cuyos documentos han sido marcados con arreglo a otros sistemas.

FAO Fisheries Technical Paper No. 93
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FRv/T93
Research Fleet

1 9 6 9

RESEARCH FLEET OF THE WORLD

Preliminary Draft

compiled by

Norio Fujinami
Chief, Fishing Vessels Section
Fishing Vessels and Engineering Branch

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, December 1969

PREPARATION OF THIS REPORT

This is the revised version of the list of research vessels and vehicles of the world which was prepared for the 2nd FAO Technical Conference on Fishery Research Craft held 18 - 24 May 1968, in Seattle, Washington. Supplements to this publication will be issued from time to time by Biological Data Section, Fishery Resources and Exploitation Division.

Distribution :

FAO Department of Fisheries
FAO members
Selector SM
UNESCO Office of Oceanography
World Data Centers
National Oceanographic Data Centers
Fishing Boat Association of Japan
Operating agencies of vessels listed
IOC

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Preliminary draft

Number of vessels by countries. Floating vessels - underwater vehicles - floating platforms. Data on general characteristics - type of research - operative area - operating or controlled agency. References.
Do 11-053.2me.
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Pakistan	2	104
Panama	1	106
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Philippines	2	108
Poland	13	108
Portugal	3	110
Senegal	2	110
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INTRODUCTION

FAO has for many years been concerned with international aspects of the design, safety and operation of fishery research ships. A world inventory of craft employed for fishery research in the oceans and inland waters was prepared as a background document for the Second FAO Technical Conference on Fishery Research Craft, held from 18 to 24 May 1968 at Seattle, USA. That document provided in effect an index for locating more detailed information in various publications concerning such research craft. The present Technical Paper is an updated revised and considerably expanded version of the 1968 document, and it is intended to continue to issue amendments to it from time to time.

It includes not only surface craft and submersibles used full-time or mainly for research, but also others used only partly, though more or less regularly, for research: thus several training and protection vessels are listed. The scope of the function of vehicles selected for listing has also been expanded to cover not only fishery research, but hydrographic survey, oceanography, marine geology and geophysics, and maritime meteorology. This is because facilities for investigating several such fields often are combined in one craft, and, by having a single comprehensive listing, overlap among several lists could be avoided and the product be more generally useful for reference and planning of co-operative research projects of all kinds. This means that the future maintenance of the inventory will be of concern not only to FAO, but to other Specialized Agencies of the United Nations, especially UNESCO - and indeed to all those organizations now joined in supporting a broadened Intergovernmental Oceanographic Commission.

The total number of vehicles covered by this inventory has thus reached over 1,000, registered in nearly 70 countries.

Information from a wide range of sources, including the publications listed below, has here been pooled:

(a) "Research Vessel Data", Vols. 1, 2 and 3, FAO Fish.Rep.29, Vols. 1 (1965), 2 (1966), and 3 (1968). FAO, Rome

(b) "Oceanographic Vessels of the World", Vols. 1 (1961), 2 (1963) and 3 (1966). National Oceanographic Data Centre, Washington, D.C.

(c) Journal of the Fishing Boat Association of Japan, Vols. 99 (1959) to 162 (1969). Fishing Boat Association of Japan, Tokyo

(d) "A selected list of Oceanographic Research Ships, Undersea Vehicles, United States and Foreign". US National Academy of Sciences Report

(e) "Undersea Vehicles for Oceanography". Pamphlet No. 18. Interagency Committee on Oceanography of the Federal Council for Science and Technology, Washington, D.C. (1965)

(f) "International Marine Science" quarterly newsletter compiled by UNESCO and FAO, publ. by UNESCO, Paris

The following points should be noted in the use of the inventory:

(a) It is divided into three sections: Floating Vessels; Underwater Vehicles; Floating Platforms. Each section is sub-divided by countries in alphabetical order of country names. Vessels and vehicles are also listed in alphabetical order of their names. Further sub-division is made of floating vessels in Japan and the USA, because of the large number of vessels operated by each of those countries.

(b) The metric system is used for principal dimensions.

(c) The form of the inventory is so designed that figures in parentheses correspond to items in parentheses in headings. Under items "GT(Dispt)" and "LOA(LPP) x B x D(d)" figures corresponding to the items in parentheses are not shown if figures are available for GT, LOA and D. However, under the items "Complement and (scientists)" and "Year built, (converted) and retired", figures for the number of scientists that can be accommodated, and the year of conversion to research use are shown in addition to the figures for the complement of crew, the year of construction and the year of retirement from service, if reached.

(d) The abbreviations used are:

(i) Under "GT(Dispt)"

GT - Gross registered tons
Dispt - Displacement tons (variable depending on the load conditions of a vessel)

(ii) Under "Hull"

A - Aluminium P - Plastic W - Wood
F - Ferro-cement S - Steel

(iii) Under "LOA(LPP) x B x D(d)"

LOA - Length overall of a vessel
LPP - Length between perpendiculars of a vessel
B - Breadth of a vessel
D - Depth of a vessel
d - Draught of a vessel (variable depending on the load of a vessel)

(iv) Under "Purpose" (following codes used in designating national programmes in International Marine Science)

Bi - Planktonic studies (phyto and zooplankton research, including fish eggs and larvae, standing crop and primary production, associated measurements or observations mainly in the biological euphotic zone); biological aphotic zone studies (biological studies in waters deeper than several hundred metres)

Do - Descriptive oceanography (measurement of temperature, salinity and other dissolved substances required for computation of geostrophic currents and description of water properties)

Fr - Fisheries research (exploratory fishing, bionomics, sampling, selectivity, gear experiments, tagging, etc.)

Gg - Geology and geophysics (coring, dredging, seismic studies, heat flow, gravimetric and magnetic measurements, etc.)

Hy - Hydrography

Mt - Meteorology (upper air observations, meteorological research - surface weather observations included under "Do")

Pr - Protection

Tr - Training

(v) Under "Operating or Controlling Agency":

BCF - US Bureau of Commercial Fisheries

FHS - Fisheries High School

PG - Prefectural Government

(vi) Under "Reference":

FBA - Journal of Fishing Boat Association of Japan; numbers following indicate volumes and page numbers.

OVW - "Oceanographic Vessels of the World", published by the IGY World Data Center A for Oceanography and the US National Oceanographic Data Center; numbers following are section numbers.

RVD - FAO Fisheries Report No. 29 - "Research Vessel Data" published by FAO; numbers following indicate the volumes and pages.

1. FLOATING VESSELS

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
ARGENTINA				
Alferez Mackinlay	(195)			
Bahia Blanca	(843)			63
Capitan Canepa	(1,250)	S	62.70 x10.10x(4.70)	105(7)
Chiriguano	(808)	S	43.90 x10.30x(3.70)	65
Comodoro Agusto Laserre	(2,450)	S	92.00 x11.50x -	190(17)
Cruz del Sur	175	S	32.40 x 7.34x 3.66	18
General San Martin	3,640	S	84.70 x19.00x(6.90)	208(38)
Madryn	(843)			63
Sanaviron	(808)	S	40.70 x10.30x(4.90)	57(6)
Santisima Trinidad	(2,450)			190(17)
Ushuaia	(1,275)			65
AUSTRALIA				
Derwent Hunter	80	W	22.10 x 5.75x(2.74)	9(3)
Diama Diamantina	(1,490)	S	91.94 x11.16x(5.36)	157(6)
Gascoyne	1,636	S	91.94 x11.16x(5.37)	157(6)
Investigator	45	W	16.76 x 4.42x(2.10)	6(3)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1914				
1928				
1940	Do		Navy	OVW:1.1
1945	Hy		Navy	OVW:1.4
1944 (1962)	Do; Hy		Navy	OVW:1.13
1968	Bi; Fr (exploratory fishing)		Fishery Development Project, UN	
1954	Do		Ministry of National Defence	OVW:1.7
1928				
1945	Do		Ministry of National Defence	OVW:1.10
1944				
1939				
1946	Do; Hy		Navy, Division of Fisheries and Oceanography	OVW:2.1
1943	Bi; Do; Tr	East Indian Ocean	Navy, Division of Fisheries and Oceanography	RVD:2-279 OVW:2.2
1943	Bi; Do; Tr	Southwest Pacific Ocean	Navy, Division of Fisheries and Oceanography	RVD:1-290 OVW:2.5
1948	Bi; Hy		Dept. of Fisheries & Fauna Conservation	OVW:2.14

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Marelda		W	10.97 x 3.66x(1.60)	3(1)
Si bon	70	W	23.68 x 4.74x(1.83)	8(5)
Tagula	(108)	S	25.00 x 5.79x(2.54)	14(2)
BARBADOS				
Calamar	137	S	24.80 x 6.65x 3.50	18
BELGIUM				
Hinders	78	S	23.95 x 6.44x(2.89)	6(2)
West Hinder	419	S	43.50 x 7.80x(3.00)	11(2)
BRAZIL				
Almirante Saldanha	(3,285)	S	93.60 x15.90x(5.90)	456
Argus	(300)			
Canopus	(1,463)			102

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1946	Fr (exploratory fishing); Hy		Navy, Division of Fisheries and Oceanography	OVW:2.11
1960	Do; Gg; Hy: Mt	Brisbane	Queensland Dept. of Public Works, Brisbane	OVW:
	Fr; Do		Navy, Division of Fisheries and Oceanography	OVW:2.8
1966	Bi; Fr (exploratory fishing, gear experiments/ trawl, gill net, troll, long line); Tr (fisheries/ trawl, gill net, troll, long line)	Caribbean	Caribbean Fisheries Development Project, UN	RVD:3-201
1943	Fr (exploratory fishing, gear experiment)	Belgian Coast and North Sea	Ministry of Agric. & Fisheries	RVD:1-92 OVW:3.1
1950	Mt		Ministry of Communications	OVW:3.4
1934	Do; Tr (navigation)		Navy	OVW:4.1
1962				
1958				

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Emilia				
Jose Bonifacio	(1,300)			152
Orion	(300)			
Prof. W. Besnard	578	S	49.35 x 9.33x(5.00)	37(15)
Sirius	(1,463)			102
Taurus	(300)			
(Unnamed)	(700)	S		36(10)
BULGARIA				
Ninth September	71	W	22.00 x 5.70x 3.31	
CANADA				
Acadia	(1,350)	S	55.47 x10.84x(4.11)	
Ambrose Foote	(500)	S	32.31 x 7.06x(3.30)	
A.P. Knight	114	W	21.59 x 6.71x 2.74	9(2)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1909				
1967	Bi; Do; Fr (exploratory fishing, gear experiments/trawl, gill net, hand line, long line); Mt	South Atlantic Ocean	Oceanography Institute, San Paolo	RVD:3-369 OVW:4
1958				
1962				
1962	Do; Fr		Oceanographic Institute, San Paolo	OVW:4.4
1948	Do; Fr (gear experiments)		Research Institute of Fisheries and Oceanography, Varna	
1913	Bedford Institute of Oceanography			
1965	Bedford Institute of Oceanography (charter)			
1956	Bi; Fr (exploratory fishing, gear experiments)	B.C. Coast	Fisheries Research Board	RVD:3-177

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
A.T. Cameron	753	S	53.95 x 9.75x(4.88)	35(10)
Baffin	3,460	S	86.87 x15.09x(4.57)	102(20)
Beacon Hill	1,938	S	87.30 x 1.15x(5.11)	146(6)
Bluethroat	(870)	S	47.82 x10.31x(3.23)	
Brandal		S	41.75 x 8.08x(3.96)	
Calanus	29	W	15.09 x 4.57x(2.13)	4(2)
Cottus	14	S	13.72 x - x -	
Dawson		S	64.54 x12.19x(4.65)	45(13)
d'Iberville		S	94.49 x20.12x(9.14)	
E.E. Prince	4,406	S	39.62 x 8.23x 4.34	21(3)
Ehkoli	123	W	25.76 x 6.12x(2.74)	17(6)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1958	Do; Fr (exploratory fishing, gear experiments)	Northwest Atlantic Ocean	Fisheries Research Board	RVD:3-387 OVW:7.1
1956	Hy		Bedford Institute of Oceanography	OVW:7.15
1944	Fr (gear experiments); Hy		Navy	OVW:7.3
1955			Bedford Institute of Oceanography	
1965			Bedford Institute of Oceanography (charter)	
1948	Bi; Do; Fr (exploratory fishing/trawl)	Canadian East Arctic	Fisheries Research Board	RVD:3-57 OVW:7.17
1952	Fr (exploratory fishing, gear experiments/gill net)		Fisheries Research Board	
1966	Do; Hy		Bedford Institute of Oceanography	OVW:7.43
1953			Bedford Institute of Oceanography	
1966	Bi; Do; Fr (exploratory fishing, gear experiments/trawl, long line); Mt	Western North Atlantic	Fisheries Research Board	RVD:3-315
1941	Bi; Do		Bedford Institute of Oceanography	OVW:7.19

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Endeavour	(1,564)	S	71.88 x11.13x(3.91)	52(14)
Fairmore	(161)	S	35.97 x 7.92x(4.27)	
Fort Frances	(1,335)	S	68.58 x10.82x(3.05)	
G.B. Reed	750	S	53.95 x 9.75x 4.88	30(2)
Harengus	109	W	25.60 x 6.10x(3.81)	11(2)
Hudson	(4,660)	S	89.46 x15.24x(6.25)	86(20)
Investigator No. 1	45	W	17.07 x 4.88x 2.74	6(2)
Investigator No. 2	123	W	24.99 x 6.49x(2.87)	12(1)
Kapuskasing	(1,250)	S	67.66 x 7.65x(3.81)	
Labrador	(6,000)	S	81.99 x19.43x(7.92)	108(18)
Louiss	(13,300)	S	111.71 x24.38x(9.45)	200

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1965	Bi; Do; Gg	Esquimalt, Victoria	Dept. of Nat. Defence Defence Research Board Pacific Naval Laboratory	OVW:7
1965			Bedford Institute of Oceanography (charter)	
1943	Bi; Do		Fisheries Research Board	
1962	Bi; Fr (exploratory fishing, gear experiments/trawl, gill net, long line); Mt	Northeast Pacific	Fisheries Research Board	RVD:3-381
1946	Bi; Do; Fr (exploratory fishing, gear experiments/trawl, gill net); Mt	Western North Pacific	Fisheries Research Board	RVD:3-219
1963	Do; Hy		Bedford Institute of Oceanography	OVW:7.51
1944	Bi; Do; Fr (exploratory fishing, gear experiments/trawl, gill net, long line)	Inshore B.C. Coast	Fisheries Research Board	RVD:3-117
1946	Do; Fr (exploratory fishing, gear experiments)	Inshore Coastal Newfoundland	Fisheries Research Board	RVD:3-183 OVW:7.25
1943			Bedford Institute of Oceanography	
1954	Bi; Do; Hy; Mt		Fisheries Research Board	OVW:7.27
1966	Hy (ice breaker)		Coast Guard	OVW:7

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Marinus	45	W	18.90 x 4.88x 2.32	8(2)
Maxwell	243	S	35.05 x 7.62x(2.13)	20(7)
New Liskeard	(1,335)	S	68.58 x10.84x(3.35)	
Nicolet	(850)	S	50.75 x10.67x(2.90)	32
Oshowa	463	S	68.58 x10.82x(3.05)	51(8)
Parizean		S	64.62 x12.19x(4.57)	47(13)
Porte Dauphine	347	S	38.25 x 7.99x(4.04)	24(7)
Quada	(5,600)	S	123.22 x15.24x(5.33)	100
Sackville	(1,177)	S	62.51 x10.08x(3.26)	38(7)
Salvelinus	13	W	11.35 x 3.66x(1.34)	3(2)
St. Catharines	1,895	S	87.30 x11.15x(4.51)	45(2)
St. Laurent	(13,300)	S	111.71 x24.38x(9.45)	200
Stenodus	15	S	13.72 x 3.66x 1.52	
Stone Town	1,895	S	87.31 x11.15x(4.32)	45(2)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1953	Bi; Do; Fr (exploratory fishing, gear experiments/trawl, gill net, long line)	Inshore Newfoundland and Labrador	Fisheries Research Board	RVD:3-105
1961	Bi; Do; Hy		Bedford Institute of Oceanography	OVW:7.55
1944	Bi; Do		Fisheries Research Board	
1966	Hy		Coast Guard	OVW:7
1944	Bi; Do; Hy		Navy	OVW:7.6
1967	Gg		Federal Dept. of Energy, Mines and Resources	
1952	Bi; Do; Hy		Navy	OVW:7.33
1966	Do; Mt	St. Lawrence Ship Channel	Coast Guard	OVW:7
1941	Do		Bedford Institute of Oceanography	OVW:7.35
1959	Do; Fr (exploratory fishing/ trawl, gill net)		Fisheries Research Board	OVW:7.38
1943	Bi; Do		Ministry of Transport	OVW:7.9
1966	Hy (ice breaker)		Coast Guard	OVW:7
1957	Fr (gear experiments)		Fisheries Research Board	
1944	Bi; Mt		Ministry of Transport	OVW:7.40

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Tanu		S	54.69 x 9.75x 4.57	
Theta	(1,310)	S	55.82 x 8.53x(3.99)	
Vancouver	(5,600)	S	123.22 x15.24x(5.33)	100
Vector	516	S	39.62 x 9.45x(3.20)	26(7)
Whitethroat	(580)	S	50.00 x 8.38x(3.20)	34(8)
CHILE				
Darwin	208	S	29.63 x 6.74x(3.51)	20(7)
Explorador	69	W	22.70 x 5.70x(2.13)	12(6)
Stella Maris	60	S	20.11 x 5.94x(2.90)	14(8)
Yelcho	(1,732)	S	62.48 x11.89x(4.19)	99(12)
CHINA, REPUBLIC OF				
Ching Tien	(535)			
Yang Min	(880)		56.24 x10.06x(2.95)	70(10)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1968	Do, Fr (experimental fishing, salmon, tuna, halibut, herring); Pr; Rescue		Federal Department of Fisheries	
1952			Bedford Institute of Oceanography (charter)	
1966	Do; Mt		Coast Guard	OVW:7
1967	Do		Dept. of Energy, Mines and Resources, Victoria, B.C.	OVW:7
1944	Bi; Hy; Mt		Navy	OVW:7.12
1955	Bi; Do		Institute of Fisheries Research, Santiago	OVW:9.7
1962	Bi; Do; Hy		University of Chile	OVW:9.4
1962	Fr (trawl, purse seine, long line); Gg, Hy		Universidad del Norte, Antofagasta	OVW:9
1943	Bi; Do; Hy		Navy	OVW:9.1
1939				
1943	Do; Hy; Mt		Navy	OVW:10.1

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
COLOMBIA				
Choco	176	S	32.40 x 7.34x 3.66	
CONGO				
Ombango	(78)		25.00 x 5.90x 3.40	16(4)
COSTA RICA				
Orion		S	15.25 x 4.98x 2.34	
CUBA				
Argus I	36	W	18.30 x 4.54x 2.00	
Camaron	29	W	13.50 x 4.95x 1.90	
Cesar Camilo	67	W	20.12 x 5.49x 2.93	
Cubmar II	22	W	15.20 x 4.15x 1.75	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1969	Bi; Fr (exploratory fishing)		Fisheries Development Survey Project, UN	
1949	Do; Fr (exploratory fishing, gear experiments); Hy		Centre d'Oceanographie et des Pêches de Pointe-Noire	OVW:67.1
1967	Fr (exploratory fishing); Tr (fisheries)		Central America Fisheries Development Project, UN	
1967	Do; Fr (exploratory fishing/ hand line)		Centro de Investigaciones Pesqueras Habana	
1962	Do; Fr (exploratory fishing/ trawl)		Centro de Investigaciones Pesqueras Habana	
1966	Fr (exploratory fishing/trawl)		Centro de Investigaciones Pesqueras Habana	
1952	Do; Fr (exploratory fishing/hand line)		Centro de Investigaciones Pesqueras Habana	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Manjua	26	W	15.44 x 4.42x 1.80	
Peto	107	W	23.33 x 6.25x 3.36	
Playa Giron II	106	W	24.60 x 6.57x 3.38	
Sardina	107	W	23.33 x 6.25x 3.36	
Sesi	48	W	20.19 x 5.18x 1.91	
CURACAO				
Fregata	42	S	17.09 x 4.88x 2.64	12
DENMARK				
Adolf Jensen	167		28.95 x 7.01x(3.35)	15(5)
Biolegen				
Dana	490	S	53.26 x 8.54x(4.11)	26(5)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1962	Do; Fr (exploratory fishing/ hand line)		Centro de Investigaciones Pesqueras Habana	
1963	Do; Fr (gear experiments/trawl)		Centro de Investigaciones Pesqueras Habana	
1961	Do; Fr (gear experiments/trawl, long line)		Centro de Investigaciones Pesqueras Habana	
1964	Do; Fr (gear experiments/trawl, seine)		Centro de Investigaciones Pesqueras Habana	
1963	Fr (gear experiments)		Centro de Investigaciones Pesqueras Habana	
1967	Fr (exploratory fishing); Tr (fisheries)		Caribbean Fisheries Development Project, UN	OVW:7
1967	Fr	Greenland waters	Ministry of Greenland, Charlottenlund	OVW:
1937	Bi; Do; Fr (exploratory fishing, gear experiments); Hy	North Sea, North Atlantic, Greenland waters, Norwegian Sea	Ministry of Fisheries	RVD:1-218 OVW:14.4

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Erika Dan	2,647	S	91.01 x14.02x(6.40)	86
Freja	(322)			40
F.V. Mortensen				
Havkatten				
Hamlet	20			
Hejmdal	(705)			40
Jens Vaerer	141	S	30.51 x 6.34x(3.15)	11(2)
Nella Dan	2,206	S	75.18 x14.05x(6.55)	
Ophelia	20	W		
Tornak	10	W		
ECUADOR				
Huayaipe			22.20 x - x -	11(4)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1958 1938	Do		Lauritzen Lines Danmarks Fiskeri- og Havundersøgelser Charlottenlund Ministry of Fisheries University of Copenhagen	OVW:14.1
1935 1960	Bi; Do; Fr (exploratory fishing, gear experiments)	Baltic Sea	Ministry of Fisheries	RVD:1-134 OVW:14.7
1961	Do		Lauritzen Lines University of Copenhagen Ministry of Greenland	OVW:14.10
1963			Instituto Nacional de Pesca del Ecuador	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
EL SALVADOR				
Sagitario	42	S	17.07 x 4.88x 2.65	10
FINLAND				
Aranda	847	S	52.80 x10.48x 4.40	49(22)
FRANCE				
Admiral Mouchez	(719)			
Ailette				
Alciope	45	W	18.70 x 4.80x 2.40	
Amalthee	(850)	S	46.64 x 9.45x(5.11)	43(13)
Antedon	30	W	15.60 x 4.80x 2.40	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1967	Bi; Fr (exploratory fishing, gear experiments/trawl, seine, gill net); Tr (fisheries/trawl, seine, gill net)		Central America Fisheries Development Project, UN	RVD:3-111
1953	Do; Fr (exploratory fishing, gear experiments/trawl, gill net, hand line); Tr (fisheries/trawl, gill net, hand line)		Board of Navigation, Institute of Marine Research	OVW:20.1
1937			Service Hydrographique de la Marine, Paris	
1963	Do		Station Marine d'Endoume Marseilles	
1961 (1962)	Do; Hy		Sahara Natural Gas Transport & Valorization Study Society	OVW:21.17
1958	Do		Station Marine d'Endoume Marseilles	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Aventure				
Beautemps Beaupré				
Calypso	(360)	W	42.98 x 7.01x -	22(10)
Charcot				
Cimeterre				
Commandant Bourd Bourdais				
Commandant Robert Giraud				
Coriolis	450	S	37.80 x 7.92x 3.96	30(11)
Elie Monnier				
Estafette	(500)			
France I				
France II				

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
			Service Hydrographique de la Marine, Paris	
			Service Hydrographique de la Marine, Paris	
1942	Do		Ministry of National Education & National Geographic Soc.	OVW:21
			Institut Scientifique et Technique des Pêches Maritimes, Paris	
			Service Hydrographique de la Marine, Paris	
			Service Hydrographique de la Marine, Paris	
			Service Hydrographique de la Marine, Paris	
1963	Fr (exploratory fishing); Mt		Centre ORSTOM Nouméa, Nouvelle Calédonie	OVW:21
			Service Hydrographique de la Marine, Paris	
1944				
			Service Hydrographique de la Marine, Paris	
			Service Hydrographique de la Marine, Paris	

Name of country and vessel	GT (Displ)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Ichthys	771	W	20.00 x 6.10x(3.00)	8(2)
Ingénieur Hyd Nicolas	(800)			
Jean Charcot	2,098	S	74.50 x14.10x(7.45)	63(21)
Korotneff	(64)	S	19.00 x 5.30x 2.80	
Lancier				
La Pelagia	242	S	32.55 x 7.35x 4.06	
Laplace				
Le Brix				
Le Verrier				
l'Orsom III		W	22.50 x 5.85x 2.93	17(5)
Mameluk				

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1964	Fr (gear experiments/trawl, seine)		Institut Scientifique et Technique des Pêches Maritimes	OVW:21.20
1944				
1965	Bi; Do; Fr (exploratory fishing, gear experiments/trawl); Gg; Hy; Mt	No limits	Ministère du PTT	RVD:3-417 OVW:21.22
1966	Do; Fr (exploratory fishing); Mt		Station Zoologique Bougis	
			Service Hydrographique de la Marine, Paris	
1965	Do; Fr (gear experiments/trawl, seine, hand line, troll)		Ateliers et Chantiers de la Manche	
			Service Hydrographique de la Marine, Paris	
			Service Hydrographique de la Marine, Paris	
			Service Hydrographique de la Marine, Paris	
1947	Bi; Do; Fr (exploratory fishing, gear experiments)	Northeast Coral Sea	Institut Français d'Océanie, Nouméa	RVD:1-74 OVW:21.10
			Service Hydrographique de la Marine, Paris	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
New Caledonia	295		37.60 x 8.00x 3.80	42(12)
Octant	(800)			50
Origny	800		52.85 x10.67x(3.18)	56(5)
Ostréa				
Paul Goffney				
Pélagia				
Pluteus II	(75)	W	19.03 x 5.30x(2.05)	20(4)
Quentin Roosevelt				
Roselys	37		15.10 x 5.32x(2.44)	
Sabre				
Sentinelle	(500)			

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1963 1944	Do; Hy			
1956	Do	Western Mediterranean	Institut Français d'Océanie, Nouméa Institut Scientifique et Technique des Pêches Maritimes, Paris Service Hydrographique de la Marine, Paris Institut Scientifique et Technique des Pêches Maritimes, Paris	RVD:1-206 OVW:21.12
1953	Bi; Fr (exploratory fishing)	Western English Channel	Station Biologique de Roscoff Institut Scientifique et Technique des Pêches Maritimes, Paris	RVD:3-87 OVW:21.15
1963 1944	Do; Fr (gear experiments/trawl)		Institut Français d'Océanie, Nouméa Service Hydrographique de la Marine, Paris	OVW:21.28

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Thalassa	850	S	66.10 x10.40x(6.75)	49(14)
Théodore Tissier				
Triton	(1,410)	S	68.00 x11.80x -	63(18)
Vauban	102	S	24.50 x 6.20x 3.25	22(5)
GERMANY (EAST)				
Helmut Just	(475)			
Johann Kruger	(475)			
Robert Koch	(1,520)			44
Victor Hensen		W	17.00 x 5.00x 2.50	11(3)
Victor Hensen		W	16.75 x 5.60x(2.40)	11(8)
GERMANY, FEDERAL REPUBLIC OF				
Alkor	236	S	30.77 x 7.60x 3.40	18(10)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1960	Bi; Fr (exploratory fishing, gear experiments); Hy; Tr (fisheries); Pr (fishery)	Atlantic Mediterranean Arctic	Institut Scientifique et Technique des Pêches Maritimes, Paris Institut Scientifique et Techniques des Pêches Maritimes, Paris	RVD:1-284 OVW:21.4
1969	Do; Hy	Toulon	Navy	OVW:21
1951	Bi; Do; Fr (exploratory fishing); Mt	Mozambique Canal	Centre ORSTOM de Nasy, Bé B.	RVD:3-195
1952				
1951				
1955				
1949	Bi; Do; Fr (exploratory fishing)	German Bay (Holland to Denmark)	Institut für Meeresforschung	RVD:3-99
1956	Fr (trawl); Gg; Hy		Institut für Meeresforschung	OVW:21
1965	Bi; Fr (exploratory fishing, gear experiments); Mt		Deutsche Wissenschl. Kommission f. Meeresforschung	OVW:22.13

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Anton Dohrn	999	S	62.30 x10.20x 4.55	47(15)
Eems				
F. Heincke	369	S	38.20 x 9.00(3.44)	18(10)
Frithjof	1,637	S	76.00 x11.75x 7.10	40
Gauss	876	S	56.59 x 8.80x(3.90)	50(10)
Hermann Wattenberg	107	S+W	24.50 x 6.39x 2.60	12(8)
Meerkatze	673	S	56.60 x 8.82x(4.50)	27
Meteor	2,615	S	82.10 x13.50x 7.25	77(22)
N.N. for Anton Dohrn		S	70.00 x16.00x -	55(12)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1955	Bi; Do; Fr (exploratory fishing, gear experiments); Pr (fisheries)	Fishing areas off Iceland, Norway, Greenland, Labrador, Newfoundland	Deutsche Wissenschl. Kommission f. Meeresforschung Institut für Meereskunde der Universität, Kiel	RVD:1-260
1968	Bi; Do; Fr (exploratory fishing, gear experiments)	North and Baltic Seas, the Channel, Eastern North Atlantic	Buologische Anstalt Helgoland	OVW:22
1968	Pr (fisheries)		Bundesministerium für Ernährung, Landwirtschaft u. Forsten	
1941 (1950)	Do; Hy		Deutsches Hydrographisches Institut	OVW:22.4
1944	Bi; Do; Fr (exploratory fishing, gear experiments); Hy	Baltic Sea	Institut für Meereskunde	RVD:1-80
(1950)	Pr (fisheries)		Bundesministerium für Ernährung, Landwirtschaft u. Forsten	
1964	Do		German Research Council	OVW:22.16
1970	Bi; Do; Fr (gear experiments); Pr (fisheries)		Deutsche Wissenschl. Kommission f. Meeresforschung	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Planet	1,848	S	80.43 x12.63x(3.72)	58(20)
Poseidon	950	S	61.65 x10.20x 5.10	29
Oste				
Uthörn	69	S+W	24.50 x 6.40x(2.70)	11(4)
Walter Herwig				
GHANA				
Achimota	600	S	50.00 x 7.92x(4.27)	45
Lates		P	13.72 x 4.88x 2.13	
Sakumo	(40)	W	17.98 x 5.38x(1.52)	13
GREECE				
Alkyoni	(252)			
Ariadni	(338)	S	41.45 x 7.62x(1.93)	31
Vegas	(213)			

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1967	Bi; Do; Hy; Mt		Ozeanographische Forschungsanstalt der Bundeswehr, Kiel	OVW:22
1957	Pr (fisheries)		Bundesministerium für Ernährung, Landwirtschaft u. Forsten Institut für Meereskunde der Universität, Kiel	
1942	Bi; Do	Southern North Sea	Biologische Anstalt Helgoland Deutsches Hydrographisches Institut, Hamburg	RVD:2-93 OVW:22.7
1927	Hy		Navy	OVW:23.1
1969	Bi; Fr		Volta Lake Research Project, UN	
1964	Fr (gear experiments)		Ministry of Agriculture	OVW:23.3
1942	Hy		Ministry of National Defence	OVW:24.1

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
HONDURAS				
Canopus	120	S	23.74 x 6.50x 3.40	
HONG KONG				
Cape St. Mary	239	S	35.66 x 7.62x 3.81	23(3)
ICELAND				
Albert				
Aegir				
Arni Fridriksson	400	S	41.38 x 9.75x(3.66)	18(5)
Fanney				
Floaklettur				
Maria Julia				

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1967	Bi; Fr (exploratory fishing)		Central America Fisheries Development Project, UN	
1951	Bi; Do; Fr (exploratory fishing, gear experiments); Hy	South China Sea, Gulf of Tong King	Fisheries Research Station Hong Kong	RVD:1-176
			Hafrannscoknastofnunin, Reykjavik	
			Hafrannscoknastofnunin, Reykjavik	
1967	Fr (exploratory fishing, gear experiments/ trawl, seine)	Iceland, Southern Greenland, Scandinavia	Marine Research Institute	OVW:29
			Hafrannscoknastofnunin, Reykjavik	
			Hafrannscoknastofnunin, Reykjavik	
			Hafrannscoknastofnunin, Reykjavik	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Neptunus				
Odinn				
Thorsteinn Thorskabbítur				
INDIA				
Bangada	50	W	17.37 x 5.08x(2.13)	9
Champa		W	14.33 x 5.05x 2.23	8(1)
Conch	33	W	15.24 x 4.57x(1.82)	17(4)
Fishtech IV	12	W	11.00 x 3.13x 1.42	
Fishtech V	6	W	9.15 x 2.82x 1.22	
Fishtech VI	8	W	9.75 x 2.90x 1.27	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
			Hafrannscoknastofnunin, Reykjavik	
			Hafrannscoknastofnunin, Reykjavik	
			Hafrannscoknastofnunin, Reykjavik	
	Fr (exploratory fishing/seine)		Ministry of Food & Agriculture, Cochin	OVW:29.4
1949	Bi; Fr (exploratory fishing, gear experiments)	East Coast of India	Offshore Fishing Station, Visakhapatnam	RVD:3-63
1956	Bi; Do; Fr (exploratory fishing, gear experiments)	West Coast of South India	University of Kerala, Oceanographic Laboratory, Ernakulam	RVD:1-20 OVW:29.1
1962	Fr (gear experiments/trawl, gill net, troll, long line)		Central Institute of Fisheries Technology, Ernakulam	
1963	Fr (gear experiments/trawl, gill net, troll, long line)		Central Institute of Fisheries Technology, Ernakulam	
1964	Fr (gear experiments/trawl, troll, long line)		Central Institute of Fisheries Technology, Ernakulam	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Fishtech VIII	30	W	15.25 x 4.42x 2.06	7
Harpodon	20	W	15.37 x 4.77x 2.12	
Jheenga		S	16.90 x 5.36x 2.97	9
Kistna	(1,900)		91.29 x11.73x(3.51)	214
Meenakshi		W	10.40 x 3.35x 1.50	
Meenalochani		W	13.70 x 4.50x 2.13	
Sagarkumari		W	10.40 x 3.35x 1.50	
Sagarsundari		W	10.40 x 3.35x 1.50	
Samudra		W	10.40 x 3.35x 1.50	
Sardinelia		W	10.67 x 3.35x 1.83	
Silver Pomfret	31	W	14.92 x 4.12x 1.91	7(1)
Tarpon		W	10.40 x 3.35x 1.50	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1966	Fr (gear experiments/trawl, seine, gill net, hand line, troll, long line)	Coastline of India	Central Institute of Fisheries Technology, Ernakulam	RVD:3-51
1966	Fr (exploratory fishing)		Fisheries Training Institute, UN	
	Bi; Do; Fr (exploratory fishing, gear experiments); Tr (fisheries)	West Coast of India	Deep Sea Fishing Station, Bombay	RVD:3-123
1943	Do; Hy; Mt		Navy	OVW:29.7
	Fr (gear experiments)		Off-Shore Fishing Station, Tuticorin	
	Bi; Fr (exploratory fishing, gear experiments)		Off-Shore Fishing Station, Tuticorin	RVD:3-45
	Fr (gear experiments)		Off-Shore Fishing Station, Visakhapatnam	
1955	Fr (exploratory fishing, gear experiments)		Off-Shore Fishing Station, Tuticorin	
	Fr (gear experiments)		Off-Shore Fishing Station, Cochin	
1955	Fr (exploratory fishing, gear experiments)		Off-Shore Fishing Station, Tuticorin	
1962	Fr (gear experiments/trawl, gill net, hand line, troll, long line)	Off coast of Gujarat State	Directorate of Fisheries, Ahmedabad	RVD:1-14
	Fr (gear experiments)		Off-Shore Fishing Station, Cochin	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Varuna	182	S	28.00 x 6.86x 3.43	20(5)
INDONESIA				
Burdjamhal	(1,200)			
Burudjulasad		S	82.15 x - x -	
Jalanidhi	744	S	53.90 x 9.50x 4.30	64(26)
Samudera	541	S	35.97	33(6)
IRELAND				
Cu Feasa	93	S	24.38 x 5.94x 3.27	12(4)
Cu na Mara	53	W	19.81 x 5.66x 3.07	10(4)
ISRAEL				
Mevoot Yam	(120)	S	18.80 x 5.50x(2.30)	12(5)
ITALY				
Bannock	(1,750)	S	62.48 x11.89x(4.19)	54(26)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1961	Do	Off West Coast of India	Indo-Norwegian Project, Kerala	RVD:3-237 OVW:29.10
1953				
1968	Do; Hy		Indonesian Hydrographic Office	
1963	Bi; Do; Mt		Government	OVW:30.4
1951	Bi; Do		Institute of Marine Research, Djakarta	OVW:30.1
1960	Bi; Fr; Hy	Seas surrounding Ireland	Dept. of Agriculture & Fisheries	RVD:1-104 OVW:33.1
1966	Bi; Fr (exploratory fishing, gear experiments/ trawl, seine)	Off coast of Ireland	Dept. of Agriculture & Fisheries	RVD:3-153
1959	Bi; Hy		Dept. of Fisheries	OVW:34.1
1943	Do		Consiglio Nazionale delle Ricerche	OVW:35.10

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Daino	(821)	S	66.90 x 8.90x(2.20)	(11)
DV 408	110	S	34.00 x 5.80x(1.37)	22(4)
DV 409	110	S	34.00 x 5.80x(1.37)	22(4)
F. Vercelli	(50)		18.29 x 6.10x(2.13)	7(2)
Maria Paolina G.	1,914	S	78.64 x11.89x(4.82)	40(16)
Mirto	(405)	S	43.90 x 8.08x(2.60)	40(2)
Odalisca			18.82 x 5.10x 2.43	
Dioppo		S	43.90 x 8.08x(2.60)	40(2)
Staffetta	(1,280)		61.50 x 9.90x(4.40)	(15)
Umberto d'Ancona	(60)		20.00 x 5.00x(1.30)	12(9)
IVORY COAST				
Reine Pokou	113		7.62 x 1.83x(1.07)	22(7)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
	Hy		Ministry of Marine Defence	OVW:35.1
1945	Hy		Ministry of Marine Defence	OVW:35.13
1945	Hy		Ministry of Marine Defence	OVW:35.13
	Do		Observatory of Experimental Geophysics	OVW:35.4
1956	Do; Gg; Mt		NATO Research Centre, La Spezia	
1956	Hy		Navy	OVW:35
1952 (1963)	Do		CNEN	
1953	Hy		Navy	OVW:35
1943	Do; Hy; Mt		Navy	OVW:35.7
1967	Do		Centro Nazionale di Studi Talassorgnafici, Venice	OVW:35
1931	Do		Service des Pêches Maritimes et Centre de Recherche Océanographiques de Côte d'Ivoire	OVW:68.1

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
JAMAICA				
Alcyon	137	S	24.80x 6.65x 3.50	18
JAPAN				
1. National Fisheries Administration				
Hakuo Maru	222	S	45.55 x 6.80x 3.50	24
Hakurei Maru	125	S	(31.00)x 5.80x 2.90	
Hakurei Maru	199	S	(40.01)x 6.60x 3.30	20
Hakuryu	480	S	54.30 x 8.70x 4.50	30
Shirahagi Maru	143	S	(32.00)x 6.00x 2.90	
Shirasagi Maru	56	S	(24.50)x 4.30x 2.20	14
Toko Maru	1,128	S	(63.00)x11.30x 5.50	53(18)
2. Prefectural Fisheries Administration				
Asashio Maru	56	S	(24.50)x 4.30x 2.20	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1966	Fr (exploratory fishing); Tr (fisheries)		Caribbean Fisheries Development Project, UN	RVD:3-201
1963	Fr (exploratory fishing); Pr (fisheries)		Fisheries Agency	FBA:125-10
1952	Fr (exploratory fishing); Pr (fisheries)		Fisheries Agency	
1968	Fr (exploratory fishing); Pr (fisheries)		Fisheries Agency	FBA:161-23
1965	Fr (exploratory fishing); Pr (fisheries)		Fisheries Agency	FBA:138-23
1957	Fr (exploratory fishing); Pr (fisheries)		Fisheries Agency	
1952	Fr (exploratory fishing); Pr (fisheries)		Fisheries Agency	
1954	Fr (exploratory fishing); Pr (fisheries)		Fisheries Agency	OVW:36.58
1953	Fr (exploratory fishing); Pr (fisheries)		Fukuoka PG	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Aso	75	S	(27.00)x 4.70x 2.35	
Ayuchi Maru	47	S	(23.56)x 4.28x 2.20	
Azuma	30	W	(15.25)x 4.46x 2.00	
Fusakaze	39	S	22.40 x 4.10x 1.86	
Hayabusa	30	W	(17.72)x 3.81x 1.81	
Hayakaze	55	W	(22.50)x 4.53x 2.21	
Hayakaze	47	S	(23.00)x 4.30x 2.15	
Hayakusa	38	W	(20.50)x 4.23x 1.91	
Hayakusa	19	W	(15.49)x 3.51x 1.61	
Hayataka	34	S	(16.45)x 4.16x 2.08	
Hayate	29	W	(17.91)x 4.00x 1.78	
Hayate Maru	50	W	(22.53)x 4.31x 2.18	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1958	Fr (exploratory fishing); Pr (fisheries)		Kumamoto PG	
1951	Fr (exploratory fishing); Pr (fisheries)		Aichi PG	
1961	Fr (exploratory fishing); Pr (fisheries)		Fukushima PG	
1960	Fr (exploratory fishing); Pr (fisheries)		Chiba PG	FBA:113-83
1954	Fr (exploratory fishing); Pr (fisheries)		Miyazaki PG	
1949	Fr (exploratory fishing); Pr (fisheries)		Aomori PG	
1967	Fr (exploratory fishing); Pr (fisheries)		Aomori PG	
1958	Fr (exploratory fishing); Pr (fisheries)		Tottori PG	
1964	Fr (exploratory fishing); Pr (fisheries)		Aomori PG	
1962	Fr (exploratory fishing); Pr (fisheries)		Hyogo PG	
1954	Fr (exploratory fishing); Pr (fisheries)		Osaka PG	
1952	Fr (exploratory fishing), Pr (fisheries)		Ohita PG	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Hayate Maru	40	S	(18.41)x 4.30x 2.17	
Hayanami	44	S	(18.38)x 4.49x 2.13	
Hokkoku Maru	27	W	(17.80)x 3.87x 1.84	6
Hokuo Maru	170	S	(35.00)x 6.30x 3.30	
Hokuto Maru	75	S	(26.78)x 4.70x 2.40	
Ise	57	S	(24.50)x 4.30x 2.20	
Kaiko Maru	100	S	(23.50)x 5.60x 2.50	
Kaio Maru	74	S	(26.50)x 4.70x 2.40	
Kaio Maru	73	S	(27.00)x 4.90x 2.55	
Kaio Maru	186	S	(39.80)x 6.35x 3.30	
Kairyu Maru	70	S	(26.00)x 4.60x 2.35	
Kamikaze Maru	57	S	(24.48)x 4.30x 2.15	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1969	Fr (exploratory fishing); Pr (fisheries)		Ohita PG	
1965	Fr (exploratory fishing); Pr (fisheries)		Osaka PG	
1962	Fr (exploratory fishing); Pr (fisheries)		Ishikawa PG	FBA:121-1
1957	Fr (exploratory fishing); Pr (fisheries)		Hokkaido PG	
1952	Fr (exploratory fishing); Pr (fisheries)		Hokkaido PG	
1952	Fr (exploratory fishing); Pr (fisheries)		Mie PG	
1964	Fr (exploratory fishing); Pr (fisheries)		Aichi PG	
1950	Fr (exploratory fishing); Pr (fisheries)		Hokkaido PG	
1951 (1956)	Fr (exploratory fishing); Pr (fisheries)		Nagasaki PG	
1964	Fr (exploratory fishing); Pr (fisheries)		Hokkaido PG	
1956	Fr (exploratory fishing); Pr (fisheries)		Nagasaki PG	
1957	Fr (exploratory fishing); Pr (fisheries)		Fukuoka PG	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Kamishima	32	S	(19.04)x 4.10x 1.70	
Kenzan Maru	27	W	(16.70)x 3.68x 1.82	
Kenzan Maru	33	S	(17.95)x 4.10x 1.80	
Kii	35	W	(19.55)x 4.01x 1.81	
Kiwa Maru	29	W	(18.88)x 3.85x 1.71	
Kotobuki Maru	20	W	(15.65)x 3.40x 1.50	
Kotobuki Maru	33	S	(17.00)x 3.99x 2.00	
Koyo Maru	29	W	(17.95)x 4.03x 1.81	
Koyo Maru	44	P	(17.40)x 4.78x 2.29	
Kuroshio	47	S	(22.55)x 4.30x 2.20	
Kuroshio Maru	43	S	(18.50)x 4.60x 2.20	
Matsura	65	S	(25.00)x 4.50x 2.30	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1955	Fr (exploratory fishing); Pr (fisheries)		Mie PG	
1954	Fr (exploratory fishing); Pr (fisheries)		Toyama PG	
1964	Fr (exploratory fishing); Pr (fisheries)		Toyama PG	
1963	Fr (exploratory fishing); Pr (fisheries)		Wakayama PG	
1959	Fr (exploratory fishing); Pr (fisheries)		Wakayama PG	
1957	Fr (exploratory fishing); Pr (fisheries)		Kagawa PG	
1968	Fr (exploratory fishing); Pr (fisheries)		Kagawa PG	
1953	Fr (exploratory fishing); Pr (fisheries)		Hiroshima PG	
1969	Fr (exploratory fishing); Pr (fisheries)		Tokyo PG	
1954	Fr (exploratory fishing); Pr (fisheries)		Kochi PG	
1968	Fr (exploratory fishing); Pr (fisheries)		Kochi PG	
1954	Fr (exploratory fishing); Pr (fisheries)		Saga PG	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Misaki	46	S	(17.27)x 4.36x 2.18	
Okitsu Maru	31	W	(18.52)x 4.04x 1.84	
Rakuyo	44	S	(17.42)x 4.30x 2.17	
Rakuyo Maru	31	W	(19.90)x 4.11x 1.80	
Seifu	74	S	(25.50)x 5.10x 2.40	
Seikai Maru No. 2	96	S	(29.50)x 5.30x 2.80	
Shimakaze	51	W	(22.73)x 4.51x 2.20	
Shinyo	376	S	(41.50)x 7.80x 3.70	
Shirasagi Maru	20	W	(15.97)x 3.62x 1.60	
Shoyo Maru	74	S	(26.50)x 4.70x 2.40	
Tachibana	20	W	14.00 x 3.80x 1.90	6
Takachiho	66	S	27.57 x 4.50x 2.30	12
Takachiho Maru	30	W	(18.72)x 3.80x 1.94	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1967	Fr (exploratory fishing); Pr (fisheries)		Wakayama PG	
1955	Fr (exploratory fishing); Pr (fisheries)		Fukuoka PG	
1966	Fr (exploratory fishing); Pr (fisheries)		Kyoto PG	
1951	Fr (exploratory fishing); Pr (fisheries)		Kyoto PG	
1967	Fr (exploratory fishing); Pr (fisheries)		Shimane PG	
1962	Fr (exploratory fishing); Pr (fisheries)		Kagoshima PG	
1952	Fr (exploratory fishing); Pr (fisheries)		Shimane PG	
1966	Fr (exploratory fishing), Pr (fisheries)		Miyazaki PG	
1950	Fr (exploratory fishing); Pr (fisheries)		Kagoshima PG	
1950	Fr (exploratory fishing); Pr (fisheries)		Hokkaido PG	
1958	Fr (exploratory fishing); Pr (fisheries)		Kanagawa PG	FBA:101-91
1964	Pr (fisheries)		Miyazaki PG	RVD:3-147
1956	Fr (exploratory fishing); Pr (fisheries)		Miyazaki PG	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Tajima Maru	291	S	(36.50)x 8.00x 3.60	
Wakaji Maru	30	W	(17.61)x 4.01x 1.85	
Wakakoshi	41	S	(17.78)x 4.37x 2.17	
Yahiko	56	S	(23.61)x 4.30x 2.20	
Yoshu	68		(25.00)x 4.60x 2.30	
3. National Fisheries Research Laboratories				
Asahi Maru No. 1	60	W	(22.00)x 4.41x 2.17	
Asahi Maru No. 2	36	S	(20.00)x 4.00x 2.00	
Hokko Maru	220	S	37.60 x 6.80x 3.40	27(3)
Kaiyo Maru	3,210	S	91.87 x15.00x 9.20	76(11)
Kotaka Maru	19	W	(16.04)x 3.64x 1.55	5(2)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1969	Fr (exploratory fishing); Pr (fisheries)		Hyogo PG	
1951	Fr (exploratory fishing); Pr (fisheries)		Fukui PG	
1966	Fr (exploratory fishing); Pr (fisheries)		Fukui PG	
1963	Fr (exploratory fishing); Pr (fisheries)		Niigata PG	
1960	Fr (exploratory fishing); Pr (fisheries)		Ehime PG	
1947	Fr (exploratory fishing, gear experiments/ trawl)			
1948	Fr (exploratory fishing, gear experiments/ trawl)			
1960	Bi; Do; Fr (exploratory fishing, gear experiments)	Northern Pacific Ocean	Hokkaido Regional Fisheries Research Laboratory	OVW:36.49 RVD:1-160 FBA:109-173
1967	Bi; Do; Fr (exploratory fishing, gear experiments); Mt	All Oceans	Far Sea Fisheries Research Laboratory	RVD:3-429 FBA:154-1
1962	Fr (exploratory fishing, gear experiments)		Nankai Regional Fisheries Research Laboratory	FBA:120-39

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Mizuho Maru	78	S	25.40 x 5.20x 2.40	17
Naikai Maru	32	S	(18.05)x 4.01x 1.81	
Shirafuji Maru	93	S	22.98 x 5.30x 2.45	16(4)
Shoyo Maru	604	S	57.00 x 8.50x 4.30	48(7)
Shunyo Maru	184	S	(32.01)x 6.30x 3.15	
Soyo Maru	258	S	39.60 x 7.20x 3.60	33(6)
Taka Maru	19	W	16.91 x 3.51x 1.51	5(2)
Tankai Maru	112	S	29.90 x 5.70x 2.60	22
Wakataka Maru	84	W	26.18 x 5.31x 2.41	18(4)
Yoko Maru	213	S	32.20 x 7.30x 3.30	30(4)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1962	Fr (exploratory fishing, gear experiments)		Nipponkai Regional Fisheries Research Laboratory	FBA:120-47
1951	Fr (exploratory fishing, gear experiments)		Naikai Regional Fisheries Research Laboratory	
1964	Bi; Fr (exploratory fishing, gear experiments)		Naikai Regional Fisheries Research Laboratory	FBA:137-26
1956	Bi; Do; Fr (exploratory fishing and gear experiments)	Pacific & Indian Oceans	Far Sea Fisheries Research Laboratory	RVD:1-224 OVW:36.28
1957	Bi; Fr (exploratory fishing, gear experiments)			
1955	Bi: Do; Fr (exploratory fishing, gear experiments, long line, trawl	Sea of Japan Pacific Ocean (East Side)	Tokai Regional Fisheries Research Laboratory	RVD:1-170 OVW:36.37
1961	Bi; Do; Fr (exploratory fishing, gear experiments)	Tokyo	Tokai Regional Fisheries Research Laboratory	FBA:113-87 RVD:1-2
1963	Fr (exploratory fishing, gear experiments/ trawl, gill net, lift net)		Hokkaido Regional Fisheries Research Laboratory	FBA:131-22
1960	Bi; Fr (exploratory fishing, gear experiments, trawl, long line)	Coastal area of North of Japan	Tohoku Regional Fisheries Research Laboratory	RVD:1-62 FBA:108-111 OVW:36.61
1961	Bi; Do; Fr (exploratory fishing, gear experiments)	China Sea	Tokai Regional Fisheries Research Laboratory	RVD:2-135 FBA:113-71 OVW:36.63

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
4. Prefectural Fisheries Research Laboratories				
Amagi	19	W	(16.55)x 3.52x 1.58	
Aomishima Maru	26	W	(17.10)x 3.66x 1.68	
Asakaze Maru	20	W	16.04 x 3.51x 1.61	
Asama Maru	38	W	(19.88)x 4.23x 1.94	
Asama Maru	41	W	(19.92)x 4.37x 1.99	
Ashizuri	48	S	(22.90)x 4.30x 2.10	
Awa Maru	30	W	(18.11)x 4.02x 1.80	
Azuma	63	W	(21.06)x 4.66x 2.14	25
Boso Maru	408	S	(42.60)x 7.60x 3.50	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1961	Fr (exploratory fishing, gear experiments)		Shizuoka PG	
1949 (1955)	Fr (exploratory fishing, gear experiments/lift net, hand line, long line)		Yamaguchi PG	
1955	Fr (exploratory fishing, gear experiments)		Shimane PG	
1954 (1958)	Fr (exploratory fishing, gear experiments/long line, hand line)		Mie PG	
1969	Fr (exploratory fishing)		Mie PG	
1956	Fr (exploratory fishing, gear experiments/lift net)		Kochi PG	
1951	Fr (exploratory fishing, gear experiments/ trawl, long line)		Tokushima PG	
1961	Fr (exploratory fishing, gear experiments/ trawl, long line)		Tokyo PG	FBA:112-3
1953	Fr (exploratory fishing, gear experiments/gill net, lift net, long line, hand line)		Chiba PG	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Chiba Maru	37	W	(19.55)x 4.38x 1.97	
Chiba Maru	495	S	50.80 x 8.30x 4.00	
Chiba Maru No. 2	85	W	(22.38)x 5.11x 2.49	
Chiba Maru No. 2	119	S	(26.50)x 5.70x 2.70	
Chidori Maru	20	W	(16.46)x 3.72x 1.64	
Daisen	48	W	(20.82)x 4.45x 2.11	
Eihiko Maru	30	W	(18.48)x 4.10x 1.85	
Enoshima Maru	41	W	(19.50)x 4.33x 1.98	
Enoshima Maru	89	W	(22.08)x 5.20x 2.39	18

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1949	Fr (exploratory fishing, gear experiments/lift net, long line)		Chiba PG	
1965	Bi; Fr (exploratory fishing, gear experiments); Tr (fisheries)	Pacific Ocean	Chiba PG	RVD:3-351 FBA:139-5
1957	Fr (exploratory fishing, gear experiments/hand line)		Chiba PG	
1967	Bi; Fr (exploratory fishing, gear experiments); Tr (fisheries)		Chiba PG	FBA:151-11
1950	Fr (exploratory fishing, gear experiments/gill net, hand line)		Kagoshima PG	
1953	Fr (exploratory fishing, gear experiments/long line, lift net, hand line)		Tottori PG	
1955 (1958)	Fr (exploratory fishing, gear experiments/long line)		Fukuoka PG	
1951	Fr (exploratory fishing, gear experiments/dart fishing)		Kanagawa PG	
1952	Fr (exploratory fishing, gear experiments/lift net)		Kanagawa PG	FBA:120-43

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Fuji Maru	331	S	43.60 x 7.50x 3.60	78(4)
Genkai	85	S	(24.80)x 5.50x 2.50	
Genkai Maru	65	W	(23.00)x 4.86x 2.42	
Hakuo Maru	38	W	(19.65)x 4.10x 2.04	
Hakusan Maru	63	S	(21.00)x 4.90x 2.30	
Hakusan Maru	119	S	31.00 x 5.90x 2.65	
Hayachine Maru	38	W	(19.58)x 4.44x 1.98	
Hayachine Maru	53	W	22.92 x 4.74x 2.18	15
Heian Maru	116	S	(29.45)x 5.70x 2.65	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1962	Fr (exploratory fishing, gear experiments); Tr (fisheries)	West Pacific Ocean	Shizuoka PG	RVD:2-195 FBA:122-1
1967	Fr (exploratory fishing, gear experiments); Tr (fisheries)		Fukuoka PG	
1959	Fr (exploratory fishing, gear experiments/ trawl)		Fukuoka PG	
1949	Fr (exploratory fishing, gear experiments/ trawl)		Aomori PG	
1950	Bi; Do; Fr (exploratory fishing, gear experiments/long line, lift net)		Ishikawa PG	
1966	Bi; Do; Fr (exploratory fishing, gear experiments/long line, lift net)	Sea of Japan	Ishikawa PG	RVD:3-189 FBA:149-33
1958	Fr (exploratory fishing, gear experiments)		Iwate PG	
1967	Fr (exploratory fishing, gear experiments/lift net, hand line)		Iwate PG	FBA:150-22
1960	Fr (exploratory fishing, gear experiments)		Kyoto PG	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Heiwa-Ibaragi Maru	57	W	(21.02)x 4.60x 2.15	
Hinokuni	40	W	(19.43)x 4.16x 2.21	
Hokuo Maru	42	W	(21.00)x 4.33x 2.00	
Hokushin Maru	219	S	40.30 x 7.40x 3.35	25(2)
Hokuto	20	W	14.95 x 3.60x 1.75	14(2)
Hyogo Maru	52	W	(20.85)x 4.45x 2.21	
Inubo	20	W	(16.10)x 3.60x 1.60	
Iwaki Maru	475	S	(45.00)x 8.20x 4.10	
Iwaki Maru	220	S	(34.00)x 7.60x 3.40	
Iyo Maru No. 1	38	W	(19.55)x 4.20x 1.90	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1953	Fr (exploratory fishing, gear experiments, long line, lift net, hand line)		Ibaragi PG	
1961	Fr (exploratory fishing, gear experiments)		Kumamoto PG	
1951	Fr (exploratory fishing, gear experiments/ trawl, gill net)		Hokkaido PG	
1968	Fr (exploratory fishing, gear experiments/ trawl, gill net, lift net, hand line)		Hokkaido PG	FBA:157-7
1967	Bi; Do; Fr (exploratory fishing, gear experiments)		Shizuoka PG	RVD:3-33
1950	Fr (exploratory fishing, gear experiments/ trawl)		Hyogo PG	
1964	Fr (exploratory fishing, gear experiments)		Chiba PG	
1955	Fr (exploratory fishing, gear experiments/long line)		Fukushima PG	
1969	Fr (exploratory fishing)		Fukushima PG	
1952	Fr (exploratory fishing, gear experiments/lift net, hand line)		Ehime PG	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Kaiko Maru	63	W	(21.10)x 4.74x 1.77	
Kamiji	26	W	(16.00)x 3.40x 1.51	
Kamiji Maru	26	W	(17.50)x 3.70x 2.32	
Kamome Maru	20	W	(16.30)x 3.50x 1.65	
Kinsei	36	W	(19.01)x 4.24x 1.90	
Kitakami Maru	62	W	(22.46)x 4.57x 2.25	
Koshi Maru	31	W	(18.30)x 4.03x 1.93	
Koshiji Maru	116	S	27.50 x 5.70x 2.60	
Koyo Maru	110	S	(18.65)x 5.60x 2.70	
Koyo Maru	36	W	(19.03)x 4.16x 1.84	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1956	Fr (exploratory fishing, gear experiments/long line)		Aichi PG	
1960	Fr (exploratory fishing, gear experiments)		Mie PG	
1949	Fr (exploratory fishing, gear experiments/ trawl)		Mie PG	
1960	Fr (exploratory fishing, gear experiments)		Kagoshima PG	
1960	Fr (exploratory fishing, gear experiments)		Hokkaido PG	
1951	Fr (exploratory fishing, gear experiments/long line, lift net)		Iwate PG	
1948	Fr (exploratory fishing, gear experiments/gill net)		Toyama PG	
1960	Bi; Do; Fr (exploratory fishing, gear experiments); Tr (fisheries); Pr (fisheries)	Sea around Japan	Niigata PG	RVD:2-81 OVW:36.54
1953	Fr (exploratory fishing, gear experiments/ trawl, gill net, lift net)		Hokkaido PG	
1953 (1956)	Fr (exploratory fishing, gear experiments/long line, hand line)		Kochi PG	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Koyo Maru	121	S	(26.50)x 5.80x 2.80	25(2)
Kuroshio Maru	157	S	(29.91)x 6.20x 2.90	
Kuroshio Maru	206	S	37.04 x 6.50x 3.30	27(2)
Kyuryu Maru	29	W	(17.58)x 4.10x 1.78	
Maizuru Maru	39	W	(19.99)x 4.40x 1.65	
Mito Maru	150	S	32.30 x 6.10x 2.95	30(1)
Miyazaki	220	S	(33.60)x 6.60x 3.25	
Miyazaki Maru	86	W	(24.30)x 5.12x 2.50	
Mogami Maru	104	S	(25.01)x 5.50x 2.60	
Nachi Maru	368	S	(42.81)x 7.50x 3.80	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1962	Fr (exploratory fishing, gear experiments)		Aomori PG	FBA:122-9
1958	Fr (exploratory fishing, gear experiments/hand line)		Ohita PG	
1961	Fr (exploratory fishing, gear experiments)		Yamaguchi PG	FBA:115-138
1951	Fr (exploratory fishing, gear experiments/ trawl, purse seine)		Fukui PG	
1951	Fr (exploratory fishing, gear experiments/gill net, hand line)		Saga PG	
1962	Fr (exploratory fishing, gear experiments/long line, lift net, hand line)		Ibaragi PG	FBA:123-11
1959	Fr (exploratory fishing, gear experiments/long line)		Miyazaki PG	
1951 (1956)	Fr (exploratory fishing, gear experiments/ long line)		Miyazaki PG	
1957	Fr (exploratory fishing, gear experiments/ trawl, gill net)		Yamagata PG	
1957	Fr (exploratory fishing, gear experiments/long line)		Wakayama PG	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Naeba Maru	30	S	(17.30)x 4.10x 1.70	
Reisui	16	W	(15.14)x 3.20x 1.51	
Rokugo	17	W	(15.00)x 3.31x 1.55	
Sagami Maru	700	S	58.85 x 9.00x 4.60	43(2)
Sagami Maru	321	S	(38.00)x 8.40x 3.60	30(2)
Senshu Maru	48	W	(21.39)x 4.20x 2.12	
Senshu Maru	117	S	(26.50)x 5.80x 2.65	
Shimane Maru	63	W	(22.40)x 4.50x 2.35	
Shimane Maru	107	S	(25.00)x 5.60x 2.60	
Shinhayabusa Maru	89	S	(25.00)x 5.30x 2.60	
Shintajima Maru	119	S	(27.00)x 6.40x 2.75	19(2)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1969	Fr (exploratory fishing)		Niigata PG	
1962	Fr (exploratory fishing, gear experiments)		Mie PG	
1961	Fr (exploratory fishing, gear experiments)		Ishikawa PG	
1956	Bi; Do; Fr (exploratory fishing, gear experiments/long line)	Eastern Pacific Ocean, Western Indian Ocean	Kanagawa PG	RVD:1-230
1968	Fr (exploratory fishing)		Kanagawa PG	FBA:156-7
1947	Fr (exploratory fishing, gear experiments/ trawl, gill net)		Akita PG	
1968	Fr (exploratory fishing)		Akita PG	
1948	Fr (exploratory fishing, gear experiments/ trawl)		Shimane PG	
1961	Fr (exploratory fishing, gear experiments/ trawl, gill net, long line)		Shimane PG	
1966	Do; Fr (exploratory fishing, gear experiments/ trawl, gill net)		Miyagi PG	
1967	Fr (exploratory fishing/hand line, gill net, trawl, long line)	Sea of Japan	Hyogo PG	FBA:154-23

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Shirasagi Maru	30	W	(17.90)x 4.00x 1.80	
Shiratori Maru	30	W	(17.50)x 4.03x 1.79	8(2)
Shodai Maru	20	W	(16.20)x 3.38x 1.68	
Shonan Maru	99	W	(24.22)x 5.37x 2.71	
Suruga Maru	59	W	24.00 x 4.55x 2.15	20(2)
Suruga Maru	87	S	26.95 x 5.41x 2.51	20(1)
Tachibana Maru	23	W	24.00 x 4.55x 2.15	
Tachibana Maru	45	W	(19.90)x 4.50x 2.10	
Tako	20	W	(16.00)x 3.86x 1.68	
Tako Maru	29	W	(17.98)x 4.29x 1.71	
Tanyo Maru	39	W	(20.04)x 4.10x 2.00	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1969	Fr (exploratory fishing)		Miyazaki PG	
1961	Fr (exploratory fishing, gear experiments)		Hyogo PG	FBA;116-183
1950	Fr (exploratory fishing, gear experiments)		Fukuoka PG	
1955	Fr (exploratory fishing, gear experiments/hand line)		Kagoshima PG	
1956	Bi; Do; Fr (exploratory fishing, gear experiments); Hy; Pr (fisheries)	Suruga Bay & neighbouring seas	Shizuoka PG	RVD:1-38
1967	Bi; Do; Fr (exploratory fishing, gear experiments/hand line, long line)	Pacific Ocean	Shizuoka PG	RVD:3-171
1956	Bi; Do; Fr (exploratory fishing, gear experiments); Hy; Pr (fisheries)		Miyazaki PG	
1968	Fr (exploratory fishing)		Miyazaki PG	
1961	Fr (exploratory fishing, gear experiments)		Aichi PG	
1968	Fr (exploratory fishing)		Aichi PG	
1946	Fr (exploratory fishing, gear experiments/ trawl, lift net)		Kyoto PG	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Tateyama Maru	105	S	(25.00)x 5.60x 2.65	
Tokushima	76	S	(25.81)x 4.90x 2.45	
Tokushima Maru	32	W/W	(18.09)x 3.96x 1.83	
Tonan Maru	48	W	(20.58)x 4.50x 2.07	
Tonan Maru	159	S	(33.46)x 6.20x 3.00	
Tottori No. 1	99	S	(25.01)x 5.60x 2.60	
Too Maru	38	W	(33.60)x 6.60x 3.25	
Tsuru Maru	154	S	(29.95)x 6.60x 2.80	18
Wakashio	22	W	(16.42)x 3.52x 1.63	
Wakazuru Maru	25	S	(15.97)x 3.59x 1.70	
Yashio	14	W	(12.42)x 3.41x 1.42	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1960	Fr (exploratory fishing, gear experiments)		Toyama PG	
1967	Fr (exploratory fishing, gear experiments)		Tokushima PG	
1956	Fr (exploratory fishing, gear experiments/ trawl)		Tokushima PG	
1952	Fr (exploratory fishing, gear experiments/lift net, hand line)		Tokyo PG	
1960	Fr (exploratory fishing, gear experiments/long line, lift net)		Ryukyu PG	
1966	Fr (exploratory fishing, gear experiments)		Tottori PG	
1959	Fr (exploratory fishing, gear experiments)		Aomori PG	
1968	Do; Fr (exploratory fishing)	Yellow Sea East and South China Sea	Nagasaki PG	FBA:159-3
1966	Fr (exploratory fishing, gear experiments)		Yamaguchi PG	
1962	Fr (exploratory fishing, gear experiments)		Nagasaki PG	
1963	Fr (exploratory fishing, gear experiments, lift net)		Tokyo PG	FBA:127-22

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Zuiho Maru	30	W	(19.04)x 4.08x 1.42	
5. Universities and Colleges				
Hakuho Maru	3,226	S	94.96 x14.80x 7.30	89(34)
Hayabusa Maru	14	W		
Hokusei Maru	221	S	37.60 x 6.80x 3.40	43(2)
Kagoshima Maru	1,038	S	66.05 x10.80x 5.40	94(5)
Kamitaka Maru	236	S		
Keiten Maru	268	S	39.70 x 7.00x 3.50	52(3)
Koyo Maru	1,215	S	72.21 x11.20x 5.60	109(5)
Nagasaki Maru	131	S	(32.52)x 5.40x 2.70	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1950	Fr (exploratory fishing, gear experiments/ trawl)		Aomori PG	
1967	Do; Gg; Hy; Mt	Pacific, Indian & Atlantic Ocean	University of Tokyo Tokyo University of Fisheries	RVD:3-423 FBA:152-1 OVW:36
1957	Bi; Do; Fr (exploratory fishing, gear experiments); Tr (fisheries/gill net, lift net, long line)	Okhotsk Sea, N. Pacific Equatoria	Hokkaido University	RVD:2-153 OVW:36.51
1950	Bi; Do; Fr (exploratory fishing, gear experiments); Hy	Indian & Pacific Oceans	Kagoshima University Tokyo University of Fisheries	RVD:2-261 FBA:110-251 OVW:36.4
1954	Bi; Do; Fr (exploratory fishing, gear experiments); Tr (fisheries)	Indian & Pacific Oceans	Kagoshima University	RVD:1-164 OVW:36.9
1958	Bi; Do; Fr (exploratory fishing, gear experiments); Tr (fisheries)	Pacific & Indian Oceans	Shimonoseki Fisheries College	RVD:1-272 OVW:36.11
1952 (1956)	Fr; Tr (fisheries/gill net, lift net, long line)		Nagasaki University	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Nagasaki Maru	563	S	47.36 x 8.80x 5.00	81(2)
Nansei	45	W	(19.54)x 4.60x 2.30	
Nihon Daigaku Go		S	54.20 x - x -	31(2)
Oshoro Maru II	616	S	53.03 x 9.14x 4.72	94(3)
Oshoro Maru III	1,180	S	66.70 x11.00x 5.40	106(10)
Seiyo Maru	217	S	33.80 x 7.00x 3.50	
Shichigotei	15	W		
Shinyo Maru	236	S	39.40 x 7.02x 3.70	44(3)
Shinyo Maru	382	S	47.20 x 7.80x 4.00	68(2)
Taisei Maru	580	S	(48.00)x 8.60x 4.30	
Tansei Maru	258	S	40.00 x 7.40x(3.70)	33(10)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1964	Bi; Do; Fr (exploratory fishing/trawl, long line); Tr (fisheries/trawl, long line)		Nagasaki University	RVD:3-363
1967	Tr (fisheries)		Kagoshima University	
1965			Nihon University	
1927 (1952)	Bi; Do; Fr (exploratory fishing, gear experiments); Tr (fisheries)	N. Pacific, Bering Sea, East China Sea	Hokkaido University	RVD:2-225 OVW:36.19
1962	Do; Fr (exploratory fishing, gear experiments/trawl, gill net, long line); Tr (fisheries/trawl, gill net, long line)	Indian Ocean, South China Sea, N. Pacific	Hokkaido University	RVD:3-405
1966	Tr (fisheries)		Tokyo University of Fisheries	
			Tokyo University of Fisheries	
1937	Bi; Do; Fr (exploratory fishing, gear experiments); Hy	W. Pacific	Tokyo University of Fisheries	RVD:2-171 OVW:36.25
1963	Fr; Tr(fisheries/trawl, long line, gill net)		Tokyo University of Fisheries	FBA:129-1
1957	Fr; Tr (fisheries/long line)		Mie University	
1963	Do; Fr (gear experiments)		University of Tokyo	FBA:128-1 OVW:36.67

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Tenyo Maru	214	S	(35.74)x 7.00x 3.60	56(34)
Tenyo Maru	116	S	43.30 x 8.30x 4.30	78(3)
Tokai University II	702	S	50.50 x 9.20x 3.60	124(24)
Toyoshio Maru	70	S	23.40 x 5.20x 2.50	28(2)
Umitaka Maru	1,453	S	68.00 x11.30x 5.50	64(13)
6. Fisheries High Schools				
Aboi Maru	84	W		
Aomori Maru	394	S	(41.75)x 7.60x 4.09	
Aomori Maru	500	S	(41.50)x 7.90x 3.70	65(2)
Ariso Maru	83	S	(23.01)x 5.40x 2.40	
Ashu	399	S	(43.00)x 8.00x 3.80	
Ashu No. 2	95	W	(24.42)x 5.50x 2.47	
Ashu Maru	342	S	(39.50)x 7.30x 3.70	
Ashu Maru No. 2	94	S		
Chishio	189	S	(31.00)x 6.50x 3.10	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1949	Fr; Tr (fisheries/long line, hand line)		Shimonoseki Fisheries College	OVW:36.56
1964	Fr; Tr (fisheries/trawl)		Tokyo University of Fisheries	FBA:133.7
1968	Bi; Do; Gg; Mt	Throughout Asia	Tokai University	OVW:36
1959	Do; Tr (fisheries)		Hiroshima University	RVD:2-63 FBA:104-260
1955	Bi; Do; Fr (exploratory fishing, gear experiments/stern trawl); Hy; Mt; Tr (fisheries/stern trawl)	All Oceans	Tokyo University of Fisheries	RVD:1-278 OVW:36.43
1960	Tr (fisheries)		Urakawa FHS	
1956	Tr (fisheries/trawl, long line)		Hachinohe FHS	
1967	Do; Fr (exploratory fishing/long line, gill net)		Aomori FHS	FBA:153-1
1962	Tr (fisheries)		Toyama FHS	
1965	Tr (fisheries)		Tokushima FHS	
1960	Tr (fisheries)		Tokushima FHS	
1955	Tr (fisheries/long line)		Tokushima FHS	
1960	Tr (fisheries)		Tokushima FHS	
1965	Tr (fisheries)		Chiba FHS	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Chishio Maru	88	W	(24.00)x 5.20x 2.50	
Choho Maru	266	S	(36.00)x 7.00x 3.60	
Chokai Maru	277	S	(36.50)x 7.10x 3.55	61(2)
Chosui Maru	196	S	(35.10)x 6.20x 3.09	
Chosui Maru	365	S	44.82 x 8.00x 3.90	63(2)
Daifugi Maru	472	S	(45.88)x 8.00x 4.00	
Eiko Maru	117	S	(25.00)x 5.60x 2.70	
Ehime Maru	215	S	(32.70)x 6.60x 3.30	
Etsuzan Maru	152	S	(29.40)x 6.00x 2.90	
Etsuzan Maru	404	S	(42.50)x 8.10x 3.80	66(2)
Fuji Maru	191	S	(31.00)x 6.30x 3.15	
Fukui Maru	115	S	(29.50)x 5.70x 2.65	
Fukushima	315	S	(39.00)x 7.40x 3.75	
Fukushima Maru	221	S	(33.85)x 6.60x 3.30	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1955	Tr (fisheries/ long line, lift net)		Awa/Choshi/ Esumi FHS	
1956	Tr (fisheries/ trawl, long line)		Yamaguchi FHS	
1955	Tr (fisheries/ long line, gill net)		Kamo FHS	FBA:160-1
1953 (1955)	Tr (fisheries/ stern trawl, long line)		Nagasaki FHS	
1967	Tr (fisheries/ stern trawl, long line)		Nagasaki FHS	FBA:149-21
1954	Tr (fisheries/ long line)		Yaizu/Inatori FHS	
1956	Tr (fisheries/ gill net, lift net, long line)		Miniamiashibe FHS	
1957	Tr (fisheries/ long line)		Uwajima FHS	
1956	Tr (fisheries/ gill net, lift net, long line)		Nou/Ryotsu FHS	
1968	Do; Tr (fisheries/long line)		Niigata FHS	FBA:156-1
1950	Tr (fisheries/ gill net, lift net, long line)		Yaizu/Inatori FHS	
1960	Tr (fisheries)		Fukui FHS	
1964	Tr (fisheries)		Fukushima FHS	
1954	Tr (fisheries/ long line)		Onahama/ Yotsukura FHS	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Funakawa Maru	289	S	(36.11)x 7.00x 3.50	
Funakawa Maru	375	S	47.20 x 7.90x 3.75	
Genyo Maru	274	S	(36.00)x 7.00x 3.60	65(2)
Hirota Maru	33	W	(18.43)x 4.10x 1.85	
Hiyoshi Maru	85	W	(23.50)x 5.20x 2.45	
Hiyoshi Maru	227	S	37.90 x 7.00x 3.30	
Hokuo Maru	85	W	(22.97)x 5.32x 2.42	
Hosui Maru	65	W	(21.02)x 4.64x 2.36	
Iwate Maru	266	S	(35.28)x 6.70x 3.55	
Iwate Maru	379	S	47.50 x 7.70x 3.70	
Jyoyo Maru	33	W	(18.00)x 4.20x 1.94	
Kagawa Maru	200	S	(32.60)x 6.60x 3.30	
Kagawa Maru No.2	74	S	(23.57)x 4.84x 2.35	
Kaiho Maru	208	S	(32.00)x 6.60x 3.25	
Kamome Maru	69	W	(22.51)x 4.86x 2.32	
Kano Maru	152	S	(29.40)x 6.00x 2.90	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1956	Tr (fisheries/ long line, gill net)		Funakawa FHS	
1967	Tr (fisheries)		Akita FHS	
1956	Tr (fisheries/ trawl, long line)		Fukuoka FHS	FBA:161-32
1960	Tr (fisheries)		Miyako/Hirotai/ Kuji FHS	
1958	Tr (fisheries/ long line, lift net)		Sanya FHS	
1966	Tr (fisheries)		Aichi FHS	
1957	Tr (fisheries/ lift net, gill net, trawl)		Hakodate FHS	
1953	Tr (fisheries/ long line, lift net, hand line)		Chita FHS	
1953 (1956)	Fr (fisheries/ long line)		Miyako/Hirota/ Kuji FHS	
1960	Tr (fisheries)		Iwate FHS	
1962	Tr (fisheries)		Ibaragi FHS	
1959	Tr (fisheries/ long line, hand line, lift net)		Tadotsu FHS	
1953	Tr (fisheries/ long line, hand line, lift net)		Tadotsu FHS	
1959	Tr (fisheries)		Okinawa/Miyako FHS	
1960	Tr (fisheries)		Oki FHS	
1957	Tr (fisheries/ long line)		Udezu FHS	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Kashima	448	S	(43.50)x 8.25x 3.90	
Kashima Maru	299	S	(36.00)x 7.00x 3.50	
Kenyo Maru	41	W	(20.22)x 4.21x 1.98	
Kumamoto Maru No.1	99	S	(27.50)x 5.40x 2.69	
Kumamoto Maru No.2				
Lias Maru	208	S	(31.50)x 6.70x 3.20	45(2)
Miyagi Maru	221	S	(33.82)x 6.60x 3.30	
Miyagi Mari	397	S	48.00 x 7.95x 3.75	73
Miyako Maru	195	S	35.80 x 6.60x 3.15	45
Miyako Maru	84	W	(23.47)x 5.30x 2.40	
Miura Maru	160	S	(29.40)x 6.00x 2.90	
Muroto Maru	94	W	(23.53)x 5.34x 2.63	
Oshima Maru	89	S	(23.52)x 5.40x 2.40	
Oshimane Maru	372	S	(41.00)x 7.50x 3.80	
Ryuun Maru	37	W	(20.18)x 4.39x 1.97	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1967	Tr (fisheries)		Nakaminato FHS	
1954	Tr (fisheries)		Nakaminato FHS	
1950	Tr (fisheries)		Kyoto FHS	
1961	Tr (fisheries)		Kumamoto FHS	
			Kumamoto FHS	
1968	Tr (fisheries/ gill net, long line)	North Sea, Pacific Ocean	Iwate FHS	FBA:158-8
1953	Tr (fisheries/ long line, hand line)		Miyagi/Kesennuma FHS	
1966	Tr (fisheries/ long line)	Pacific Ocean	Miyagi FHS	RVD:3-327 FBA:144-15
1966	Bi; Do; Fr (exploratory fishing/long line, gill net); Tr (fisheries/ long line, gill net)	N. & S. Pacific Ocean	Iwate FHS	RVD:3-255 FBA:143-33
1957	Tr (fisheries/ long line, gill net)		Miyako/Hirota/ Kuji FHS	
1957	Fr (fisheries/ long line, gill net, lift net)		Misaki FHS	
1959	Tr (fisheries)		Murotomisaki/ Takahama FHS	
1959	Tr (fisheries/ hand line)		Oshima FHS	
1955	Tr (fisheries/ long line)		Oki/Hamada FHS	
1952	Tr (fisheries/ trawl)		Ohama FHS	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Satsuma Seiun Maru	220	S	(33.60)x 6.60x 3.30	
Satsunan Maru	117	S	(26.00)x 6.00x 2.70	
Seikai Maru No.1	110	S	(27.10)x 5.70x 2.70	
Seiwa Maru	413	S	(43.00)x 7.80x 4.00	
Seiwa Maru	283	S	(36.00)x 7.70x 3.65	47(2)
Shinimiyagi Maru	416	S	(45.00)x 8.00x 3.85	
Shinkai Maru	421	S	(46.00)x 8.40x 3.80	
Shinyo Maru	223	S	(33.70)x 6.60x 3.30	
Shonan Maru	399	S	47.90 x 8.00x 3.80	75
Shonan Maru	296	S	(38.00)x 7.35x 3.50	
Taisei Maru	580	S	52.80 x 8.60x 4.30	70(30)
Tajima Maru	34	W	(19.16)x 4.10x 1.82	
Tajima Maru	66	W	(22.49)x 4.84x 2.34	37
Takuyo Maru	172	S	(30.01)x 6.21x 3.10	
Tosakaien Maru	340	S	50.50 x 8.30x 3.90	74
Tosakaien Maru	460	S	45.00 x 8.30x 3.90	
Toyama Maru	221	S	(33.74)x 6.60x 3.30	
Tsurugi Maru	318	S	43.50 x 7.40x 3.60	69

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1960	Tr (fisheries)		Makurazaki/ Bonotsu/Kojinya/ Yamakawa FHS	
1968	Tr (fisheries)		Kagoshima FHS	
1966	Tr (fisheries/ trawl, long line)		Yamaguchi FHS	
1954	Tr (fisheries/ long line)		Sahya FHS	
1968	Do; Tr (fisheries/ long line)		Aichi FHS	FBA:162-2
1962	Tr (fisheries)		Miyagi FHS	
1969	Tr (fisheries)		Shimane FHS	
1955	Tr (fisheries/ long line)		Miyazaki FHS	
1965	Tr (fisheries)		Kanagawa FHS	RVD:3-333 FBA:140-8
1963	Tr (fisheries)		Ryukyu FHS	
1957	Do; Fr; Tr (fisheries/long line)		Mie FHS	OVW:36
1947	Tr (fisheries)		Kasumi FHS	
1959	Tr (fisheries)		Kasumi FHS	FBA:100-23
1954	Tr (fisheries/ gill net, lift net, long line)		Otaru FHS	
1955	Tr (fisheries long line)		Murotomisaki/ Takahama FHS	RVD:3-345
1961	Tr (fisheries/ long line)		Kochi FHS	
1952	Tr (fisheries long line)		Toyama/Ariiso FHS	
1963	Do: Tr (fisheries/ long line)		Toyama FHS	FBA:125-24

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Wakachiba Maru	284	S	(36.50)x 7.20x 3.40	
Wakashio	32	W	(18.70)x 4.24x 1.80	
Wakashio	20	W	(16.15)x 3.75x 1.54	
Wakashio Maru	151	S	(29.00)x 6.00x 2.90	
Wakashio Maru	62	W	(22.63)x 4.86x 2.31	
Wakatake Maru	55	W	(21.50)x 4.63x 2.20	
Wakatori	273	S	40.91 x 7.22x 3.42	
Wakatori Maru	31	W	(18.54)x 4.13x 1.85	
Yaizu Maru	248	S	(36.60)x 7.10x 3.25	46
7. Industries				
Isumi Maru	14	W	(13.95)x 3.20x 1.40	
Kaihoku Maru	132	W	(26.88)x 5.77x 2.91	
Oyashio Maru	217	S	(36.01)x 7.10x 3.10	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1958	Tr (fisheries/ long line)		Awa/Choshi/Esumi FHS	
1958	Tr (fisheries/ long line, trawl)		Miyazaki FHS	
1967	Tr (fisheries)		Kanagawa FHS	
1957	Tr (fisheries/ gill net, lift net, long line)		Atsukeshi FHS	
1958	Tr (fisheries/ trawl)		Hamada FHS	
1950	Tr (fisheries/ gill net, lift net, long line, trawl)		Hakodate FHS	
1964	Tr (fisheries)		Tottori FHS	RVD:3-279
1954	Tr (fisheries/ trawl, lift net, hand line)		Sakai FHS	
1968	Tr (fisheries/ long line)		Shizuoka FHS	FBA:159-1
1959	Fr (gear experiments/hand line); Tr (fisheries/ hand line)		Isumi Fishermen's Cooperative Association	
1959	Fr (gear experiments/long line); Tr (fisheries/ long line)		Hachinohe Training Centre, Aomori Pref.	
1969	Fr (exploratory fishing)		North Sea Salmon and Trout Research Association	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
8. Oceanographic and Meteorological Research Institutes				
Chofu Maru	265	S	42.00 x 7.35x 3.75	38(15)
Fuji	8,036	S	100.00 x22.00x(8.30)	235(35)
Izu	(2,081)	S	90.50 x11.60x 6.80	
Kaiyo	202	S	37.00 x 6.90x(3.30)	41(20)
Kaiyo	308	S	44.53 x 8.05x 3.81	31(9)
Meiyo	360	S	44.80 x 8.05x 3.80	40(15)
Miura	(2,081)	S	90.50 x11.60x 6.80	
Ryofu Maru	1,200	S	71.32 x10.59x 5.10	54(18)
Ryofu Maru II	1,598	S	79.20 x12.00x(6.60)	51(13)
Seiun Maru	5,044		114.55 x16.00x 8.00	
Shunpu Maru	150	S	35.20 x 6.40x(2.30)	29(1)
Soya	2,736	S	83.70 x15.80x(9.30)	
Seifu Maru	355	S	48.50 x 7.80x(2.81)	41(15)
Takuyo	932	S	62.40 x 9.50x(4.80)	50(8)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1960	Bi; Do;	East China Sea	Nagasaki District Meteorological Observatory Station	RVD:1-194 OVW:36.1
1965	Bi; Do; Gg;Mt		Maritime Self Defence Force	OVW:36
1968	Pr		Maritime Safety Agency	
1942	Do		Maritime Safety Board	OVW:30.7
1964	Do	Off-shore	Maritime Safety Board	RVD:3-303
1963	Do		Maritime Safety Board	RVD:2-201
1968	Pr		Maritime Safety Agency	
1937	Bi; Do	Off the coast of Sanriku	Meteorological Agency	RVD:1-266 OVW:36.22
1966	Mt		Meteorological Agency	RVD:3-411 OVW:36.65
	Tr		Ministry of Transportation	
1954	Hy		Meteorological Agency	OVW:36.31
	Hy; Mt		Maritime Safety Board	OVW:36.34
1964	Mt		Meteorological Agency, Maizuru	OVW:36
1957	Do; Hy	Western part of the Pacific Ocean	Maritime Safety Board	RVD:1-242 OVW:36.40

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Yushio Maru	143	W	29.60 x 6.60x(3.20)	28(8)
KOREA				
Baek Du San	150	S	34.90 x 6.20x 2.80	25(5)
Buk Han San	75	S	27.00 x 5.18x 2.44	15(2)
Cheun Ma San	84	S	24.60 x 5.20x 2.45	18(4)
Chi Ri San	150	S	33.49 x 6.20x 2.80	25(5)
Chin Dal Le	319	S	44.28 x 7.50x 3.37	
Dong Baeg No.3		S	24.22 x 6.54x 3.48	
Dong Baeg No.5		S	24.22 x 6.54x 3.48	
Kae na Li	150	S	30.63 x 6.53x 3.37	29
Tai Back San	310	S	41.60 x 7.50x 3.60	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1942	Hy		Meteorological Agency	OVW:36.46
1966	Bi; Do; Fr (exploratory fishing)		Fisheries Research and Development Agency	RVD:3-231
1938	Bi; Do; Fr (exploratory fishing, gear experiments); Hy; Pr (fisheries)		Central Fisheries Experimental Station, Pusan	RVD:1-68
1967	Bi; Do; Fr (exploratory fishing)		Fisheries Research and Development Agency	RVD:3-135
1967	Bi; Do; Fr (exploratory fishing)		Fisheries Research and Development Agency	RVD:3-207
1965	Tr (fisheries/ long line)	Pacific Ocean	Deep Sea Fisheries Training Centre, UN	RVD:3-285
1969	Tr (fisheries/ trawl, purse seine)		Coastal Fisheries Training Centre, UN	
1969	Tr (fisheries/ trawl, purse seine)		Coastal Fisheries Training Centre, UN	
1965	Tr (fisheries/ trawl)		Deep Sea Fisheries Training centre, UN	RVD:3-225
1967	Bi; Do; Fr (exploratory fishing)		Fisheries Research and Development Agency	RVD:3-291

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
MALAGASY, REPUBLIC OF				
Vauban	110	S	25.50 x 6.20x(3.20)	16(5)
MAURITIUS				
Explorer			10.97 x - x -	
Investigator	(260)	S	16.76 x - x(2.44)	
Solitaire			7.92 x - x -	
MEXICO				
Antonio Alzate		S	23.77 x 6.50x 3.40	
MOROCCO				
El Morchid	138	S	25.60 x 6.00x 3.10	13(3)
NETHERLANDS				
Cirrus	(1,930)			63(19)
Cumulus	1,974	S	71.32 x 12.50x(4.60)	63(17)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1955	Fr (exploratory fishing/trawl); Hy		Centre Orstom de Nosy Bé	OVW:39.1
	Fr		Government of Mauritius	
	Fr		Government of Mauritius	
	Fr		Government of Mauritius	
1969	Bi; Fr (exploratory fishing/trawl, purse seine)		Fisheries Research and Development Project, UN	
1954	Bi; Do; Fr (exploratory fishing, gear experiments), Hy; Pr (fisheries)	Atlantic Ocean	Institut de Pêches Maritimes	RVD:1-110 OVW:43.1
1943				
1963	Do			OVW:44.10

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Dreg I	(46)			10
Dreg II	(46)			10
Dreg III	(46)			10
Dreg IV	(46)			10
Ephyra				
Hydrograaf	(260)			19
Luymes	(1,100)	S	71.40x10.82x(4.27)	100(7)
Snellius	(1,100)	S	71.40x10.82x(4.27)	100(7)
Tridens	(1,085)	S	61.00x 9.80x 4.70	
William Beukelsz	205	S	35.16x 7.20x 3.35	18(6)
Zeefakkel	355			29
NEW ZEALAND				
Lachlan	(1,490)			148(8)
Taranui	954	S	63.15x10.36x(4.00)	24(6)
Tui	579	S	51.20x 9.14x(3.86)	30(6)
Viti	(670)			23(6)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1950				
1950				
1951				
1951				
			Koninklijk Nederlands Meteorologisch Institut, De Bilt	
1910				
1952	Hy		Navy	OVW:44
1952	Hy		Navy	OVW:44 .
1968	Bi; Do; Fr; Hy		Ministry of Agriculture and Fisheries	
1955	Bi; Do		Ministry of Agriculture and Fisheries	RVD:1-152
1951				
1944				
1935	Bi: Do; Fr (exploratory fishing/trawl)		New Zealand Oceanographic Institute	OVW:45.7
1948	Hy		Navy	OVW:45.10
1940				

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
NIGERIA				
Ede	25	S	14.28 x 4.62x 2.30	6
Kiara			21.34 x 5.79x(3.20)	17(2)
(unknown)		P	13.72 x 4.80x -	
NORWAY				
Asterias	(61)	W		4
Fridtjof Nansen	58	S	19.20 x 5.30x 2.80	23(4)
G.M. Dannegiv	(56)	W		6(2)
G.O. Sars	(950)	S		36(8)
Gunnar Knudsen	(50)	S		5(4)
Helland-Hansen	(186)	S		15(7)
H.U. Sverdrup	295	S	38.70 x 7.62x(4.00)	19(10)
Johan-Hjort	(1,030)	S		36(8)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1966	Fr (exploratory fishing)		Fisheries Survey Project, UN	
	Fr (exploratory fishing/trawl); Mt		Federal Fisheries Service, Lagos	OVW:69.1
	Fr			
1942			Tromso Museum	
1955	Bi; Do; Fr (exploratory fishing		Biological Station, Epsegrend	RVD:3-129
1949			Fiskeridirektoratets, Havforskningsinstitutt, Bergen	
1950			Directorate of Fisheries, Institute of Marine Research	
1946			University of Oslo	
1957			University of Bergen	
1962	Do		Norwegian Defence Research Establishment	OVW:46.24
1958			Directorate of Fisheries, Institute of Marine Research	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Krill				
Peder Ronnestad	(172)	S		12(4)
PAKISTAN				
Jalwa	38	S	22.40 x 5.97x 3.24	11(1)
Macchera	92	W	20.42 x 5.79x 3.66	13(1)
Madagar	(1,682)			102(2)
Meen Sandhani	58	S	17.62 x 5.18x 3.05	
Mekran Explorer	18	W	12.67 x 3.68x 1.75	10(1)
New Hope	9	W	11.66 x 3.28x 1.22	5
Sagar Sandhani	122	S	23.77 x 6.40x 3.54	20
Surveymarine	(16)		15.24 x 5.79x -	4
Talash	15	W	14.00 x 4.06x 1.83	8(1)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
			Fiskeridirektoratets Havforskningsinstitutt, Bergen	
1958			Directorate of Fisheries, Institute of Marine Research	
1962	Fr (exploratory fishing)		Marine Fisheries Department	
	Fr (exploratory fishing)	Along the West Coast of Pakistan	Marine Fisheries Department, Karachi	RVD:1-50 OVW:47.7
1967	Fr (exploratory fishing)		East Pakistan Fisheries Development Corporation	
1960	Fr (exploratory fishing)		Marine Fisheries Department, Karachi	
1950	Fr (exploratory fishing)		Marine Fisheries Department, Karachi	OVW:47.9
1967	Fr (exploratory fishing)		Fisheries Development Survey Project, UN	
1969	Hy		East Pakistan Inland Water Transport Authority	OVW:47
1964	Bi		Zoological Survey Department, Karachi	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Zulfiquar	(1,611)			163(3)
PANAMA				
Tauro		S	20.40x 5.59x 2.90	
PERU				
Explorador			22.60x - x -	12(4)
Unanue			43.00x - x -	41(10)
PHILIPPINES				
Hasa Hasa	40	S	15.85x 4.72x 2.26	6
Malasugui	114	S	30.69x 5.75x 2.88	
Maya Maya	165	S	29.35x 7.12x 3.25	20
Researcher I	420	S	44.50x 8.20x 3.90	50(6)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1940				
1969	Fr (exploratory fishing); Tr (fisheries)		Central America Fisheries Development Project, UN	
1958			Peruvian Sea Institute, Callao	
			Peruvian Sea Institute, Callao	
1966	Fr (exploratory fishing)		Deep Sea Fishing Development Project, UN	
1959	Bi; Do; Fr (exploratory fishing, gear experiments); Tr (fisheries)		Bureau of Fisheries	RVD:1-116
1965	Bi; Fr (exploratory fishing, gear experiments/ trawl, seine); Tr (fisheries/ trawl, seine)		Deep Sea Fisheries Development Project	RVD:3-243
1966	Bi; Do; Fr (exploratory fishing); Tr (fisheries)			RVD:3-321

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Sequoia	(1,057)			
POLAND				
Baltyk	(1,000)			
Birkut		S	30.14x 6.74x 3.75	20(14)
Bora				
Delta	22	W	14.47x 4.39x 1.89	7(3)
Hydrograf I	(82)			
Imor	(140)		24.11x 6.41x 3.41	
Kompas	(140)			30
Kontroller I	(82)			
Koziorozec	(219)			15
Michael Siedlecki II	82	S+W	24.10x 6.40x 4.60	4
MIR I			24.10x 6.58x 4.6	19(5)
MIR 3	37		17.90x 5.10x 3.00	
Wieczno		S	61.25x 9.83x 5.2	41(8)
Zodiac	(140)			30

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1955				
	Bi; Fr (exploratory fishing, gear experiments)	North Sea	Morski Instytut Rybacki, Gdynia	RVD:1-140
			P.I.H.M. Zakland Oceanografii, Gdynia	
1942	Do		P.I.H.M. Zakland Oceanografii, Gdynia	
1958				
1958				
1935				
1958				
1950				
1956	Bi; Do; Fr (exploratory fishing, gear experiments)	Baltic, North Sea	Morski Instytut Rybacki, Gdynia	RVD:1-98
			Morski Instytut Rybacki, Gdynia	
1941	Bi; Do; Fr (exploratory fishing, gear experiments)		Morski Instytut Rybacki, Gdynia	
			Morski Instytut Rybacki, Gdynia	
1935				

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
PORTUGAL				
Almirante Lacerda	830	S	54.90x 8.70(3.70)	100(4)
Azevia	(200)			25
Bicuda	(200)			25
Carvalho Arauso	(1,020)			90
Commandante Carvalho	(672)			
Corvina	(200)			25
Dourada	(200)			25
Espadilha	(200)			25
Salvador Correia	898	S	50.00x 8.50x(4.60)	42(4)
SENEGAL				
Gerard Treca	(29)	S	17.68x 5.33x(1.83)	
Laurent Amaro	119	S	23.74x 6.50x 3.40	14
SIERRA LEONE				
Awefu	121	S	23.74x 6.50x 3.40	14
Fulmar	34	W	15.25x 3.66x 1.95	12

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1941	Bi; Hy		Navy	OVW:52.1
1942				
1942				
1942				
1941				
1942				
1942				
1942				
1942	Hy; Mt		Navy	OVW:52.4
1958	Bi; Do			
1968	Bi; Fr (exploratory fishing)		Pelagic Fish Resources Survey Project, UN	
	Bi; Fr (exploratory fishing)		Pelagic Fish Resources Survey Project, UN	
1961	Fr (exploratory fishing, gear experiments/trawl, seine); Pr (fisheries/trawl, seine)	Sierra Leone Coast	Fisheries Division Ministry of Agriculture and Natural Resources	RVD:2-33

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
SOUTH AFRICA, UNION OF				
Africana II	882	S	62.84x10.06x 5.33	35(6)
Benguela		S	44.20x 9.45x(4.00)	
Benguela	486	S	44.20x 9.50x 3.96	24
David Davies	73	W	20.42x 5.79x 2.75	12(2)
Haerlem	154		35.73x 6.10x(1.82)	26
John D. Gilchrist	(95)			5(9)
Kunene	(85)			11(2)
Mering Namre	275	S	31.75x 7.62x(2.84)	21(8)
Natal	(1,435)			124(4)
Protea	(1,020)			100
Rockeater	550	S	54.90x 9.80x(2.74)	32(4)
RSA	1,573	S	68.25x12.80x(5.71)	60(25)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1950	Do; Fr (exploratory fishing, gear experiments); Hy; Mt	South African coastal and offshore waters	Division of Sea Fisheries	RVD:1-254
1968	Bi; Fr (exploratory fishing/ trawl, tuna long line); Hy; Mt		Division of Ocean Fisheries of the South West Africa Administration	
1969	Fr (exploratory fishing/trawl, purse seine)		Division of Ocean Fisheries, South West African Administration	
1943	Bi; Do; Fr (exploratory fishing, gear experiments)	South East Coast of South Africa	South African Association of Marine Biological Research	RVD:3-141 OVW:58.22
1958	Hy		Navy	OVW:58.24
1947				
1967	Bi; Do; Hy		Council for Scientific and Industrial Research	OVW:58
1944				
1941				
1944	Gg (underwater mineral prospecting)		Ocean Science and Engineering	OVW:58.27
1961	Do		Department of Transport	OVW:58.19

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Sardinops	251	S	36.58x 7.62x 4.08	20(13)
Thomas B. Davie	193	S	29.41x 7.01x 2.74	20(7)
Trachurus	24	W	21.18x 6.10x 3.35	13(2)
SPAIN				
H.2	118	W	29.70x 6.10x 3.36	26(2)
H.3	118	W	29.70x 6.10x 3.36	26(2)
Juan de la Cosa	336	S	57.30x10.80x 5.0	146(2)
Malaspina	572	S	68.40x10.67x 5.79	180(6)
Tofiño	572	S	68.40x10.67x 5.79	180(6)
Xauen	328	S	45.20x 7.20x 4.58	44(2)
SUDAN				
Looloca		S	14.50x 3.90x 1.90	6(1)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1958	Bi; Do; Fr (exploratory fishing, gear experiments); Hy; Pr (fisheries)	South African coastal waters	Division of Sea Fisheries	RVD:1-188
1966	Bi; Do; Gg; Hy; Mt		University of Capetown	OVW:58
1958	Bi; Fr (exploratory fishing, gear experiments); Pr (fisheries)			
1951	Hy		Instituto Hydrográfico	
1951	Hy		Instituto Hydrográfico	
1935	Hy		Instituto Hydrográfico	
1934 (1938)	Hy		Instituto Hydrográfico	OVW:54.1
1934 (1938)	Hy		Instituto Hydrográfico	
1948	Do		Instituto Español de Oceanografía	
1963	Bi; Fr (exploratory fishing, gear experiments/ trawl, hand line)	Sudanese Red Sea	Red Sea Fisheries Office	RVD:2-21

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
SWEDEN				
Anden	53	W	25.00x 5.00x(1.20)	10
Eystrasalt	170	W	20.42x 5.98x 3.20	6(2)
Gustaf af Klint	750	S	51.80x 8.70x(3.90)	61
Johan Månsson	1,030	S	55.80x11.00x(4.30)	83
Johan Nordenankar	260	S	31.60x 6.80x(2.60)	33
Måsen	53	W	25.00x 5.00x(1.20)	9
Nils Strömcrona	140	S	27.00x 5.20x(2.55)	11
Petter Gedda	135	S	26.10x 5.60x(2.10)	29
Ran	287	S	31.60x 7.00x(2.90)	33
Skagerak	700	S	47.00x 8.72x 4.90	26(8)
Thetis	220	S	30.25x 6.42x 3.65	13(4)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1940	Hy		Swedish Board of Shipping and Navigation	
1937	Bi; Fr (experimental fishing, gear experiments); Hy		National Board of Fisheries	
1941	Hy		Swedish Board of Shipping and Navigation	
1966	Hy		Swedish Board of Shipping and Navigation	
1924	Hy		Swedish Board of Shipping and Navigation	
1940	Hy		Swedish Board of Shipping and Navigation	
1894	Hy		Swedish Board of Shipping and Navigation	
1924	Hy		Swedish Board of Shipping and Navigation	
1946	Hy		Swedish Board of Shipping and Navigation	
1935	Bi; Fr (experimental fishing, gear experiments); Hy		National Board of Fisheries	
1961	Bi; Fr (experimental fishing, gear experiments); Hy		National Board of Fisheries	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
THAILAND				
Dhanarajata	389	S	46.45x 8.72x 4.27	
Fisheries No.2				9(1)
Kittikachorn	131	S	35.70x 5.98x 2.73	24(2)
Oceanographic I	(90)	S	28.00x 5.00x(1.82)	
Oceanographic II	(90)	S	28.00x 5.00x(1.82)	
Pramong 1	60	W	21.35x 4.30x 2.05	10(2)
Pramong 2	79	W	24.50x 5.20x 2.70	12(2)
Pramong 3	60	W	22.60x 4.50x 2.05	12(2)
Pramong 4	96	W	23.00x 5.75x 2.70	12(2)
Pramong 5	96	W	23.00x 5.75x 2.70	12(2)
Songkhla Lake Boat	20	S	18.00x 4.27x 1.52	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1964	Bi; Do; Fr (exploratory fishing, gear experiments); Mt		Ministry of Agriculture, Bangkok	
1962	Fr (exploratory fishing/trawl)			
1962	Bi; Do; Fr (exploratory fishing); Mt	Gulf of Thailand		RVD:3-213
	Do; Gg; Hy; Mt			OVW
	Do; Gg; Hy; Mt			OVW
1964	Fr (exploratory fishing/trawl)	Gulf of Thailand		RVD:3-75
1962	Fr (exploratory fishing/trawl)	Gulf of Thailand		RVD:3-159
1964	Fr (exploratory fishing/trawl)	Indian Ocean coastal		RVD:3-93
1965	Fr (exploratory fishing/trawl)	Gulf of Thailand		RVD:3-165
1965	Fr (exploratory fishing/trawl)	Gulf of Thailand		RVD:3-165
1964	Bi; Fr (exploratory fishing)	Song Khla Lake	Department of Fisheries	RVD:3-39

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
TRINIDAD AND TOBAGO				
Explorer		W	10.67x 3.05x 1.51	3
TURKEY				
Arar	174	S	30.71x 6.54x 3.03	14(6)
Bulur	16	S	11.70x 3.50x 1.46	
Carsamba	(1,150)			65(1)
Gezer	16	S	11.70x 3.50x 1.46	
Görür	16	S	11.70x 3.50x 1.46	5(2)
UAR				
(unknown)		P	13.72x 4.88x -	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1961	Bi; Fr (exploratory fishing/ trawl, gill net, hand line, troll, long line); Tr (fisheries/trawl, gill net, hand line, troll, long line)	Coastal waters		RVD:3-3
1951	Bi; Do; Fr (exploratory fishing, gear experiments)	Black Sea, Marmara Sea, Aegean and Mediterranean Seas	Fisheries	RVD:1-128
1951	Do; Fr (exploratory fishing)		Fisheries Directorate	
1951	Bi; Do		Fisheries Directorate	
1951	Do	Black Sea, Marmara Sea, Aegean Sea	Hydro-Biological Research Institute	RVD:3-21
1969	Fr (Lake Nasser)		Lake Nasser Development Project, UN	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
UGANDA				
Ibis	42	S	17.09x 7.88x 2.34	
Masindi Murefu	2	W	7.33x 1.83x 0.92	
UK				
Alexander Meek	(34)	W	16.15x 5.71x 1.98	3(2)
Antur	17	S	12.19x 3.99x 1.19	1(4)
Beagle	(1,030)	S	57.91x11.58x(3.66)	39
Bulldog	(1,030)	S	57.91x11.58x(3.66)	39
Calanus	76	W	20.85x 5.87x(2.44)	6(4)
Cirolana			72.25x14.00x(4.88)	
Clione	495	S	46.93x 8.86x(3.84)	24(6)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1967	Bi; Fr (exploratory fishing); Tr (fisheries)		Lake Victoria Fisheries Research Project, UN	
1965	Fr (exploratory fishing, gear experiments/gill net, hand line, troll, long line); Tr (fisheries/ gill net, hand line, troll, long line)			
1948	Do		University of Newcastle-upon-Tyne	
1962	Do		University College of Wales, Aberystwyth	
1967	Do; Hy		Navy	OVW:61
1967	Do; Hy		Navy	OVW:61
1949	Bi; Do		Scottish Marine Biological Association	
1969	Bi; Do		Ministry of Agriculture, Fisheries and Food	
	Do; Fr (trawl, long line)	Eastern North Atlantic		

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Corella	459	S	41.38x 9.75x(3.66)	18(5)
Clupea	(330)	S	32.00x 7.92x(4.09)	11(5)
Cuma	53	W	19.81x 5.79x(2.21)	5(4)
Cypris				
Discovery	2,665	S	79.63x14.02x(4.72)	34(20)
Discovery II				
Echo	(160)	W	32.61x 6.71x(2.11)	18(3)
Egeria	(160)	W	32.61x 6.71x(2.11)	18(3)
Endurance	(2,600)	S	93.34x14.02x 5.51	104(11)
Enterprise	(160)	W	32.61x 6.71x(2.11)	18(3)
Ernest Holt	599	S	59.13x 9.19x(4.51)	26(6)
Explorer	(1,200)	S	61.57x 9.91x(4.90)	30(9)
Fawn	(1,030)	S	57.91x11.58x(3.66)	39
Fox	(1,030)	S	57.91x11.58x(3.66)	39

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1967	Do; Fr (trawl, long line, purse seine)	Water around UK	Ministry of Agriculture and Fisheries and Food, Lowestoft	
1968	Fr (herring)		Department of Agriculture and Fisheries for Scotland	
1967	Do	Port Erin	University of Liverpool	
			University of Liverpool	
1962	Do		National Institute of Oceanography	
			National Institute of Oceanography, Wormley	
1958	Do; Hy		Navy	
1959	Do; Hy		Navy	
1956	Do; Hy		Navy	
1959	Hy		Navy	
1949	Do; Fr (trawl)	Northern and Western fishing ground of UK	Ministry of Agriculture, Fisheries and Food, Lowestoft	
1955	Do; Fr	North-east Atlantic Ocean, North Sea	Department of Agriculture and Fisheries for Scotland	
1967	Do; Hy		Navy	OVW:61
1967	Do; Hy		Navy	OVW:61

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Goldseeker	(35)	W	15.24x 4.99x 2.08	4(2)
Hecate	(2,800)	S	79.24x14.94x(4.88)	123(7)
Hecla	(2,800)	S	79.24x14.94x(4.88)	123(7)
Hydra	(2,800)	S	79.24x14.94x(4.88)	123(7)
John Biscoe	1,584	S	67.06x12.19x(5.03)	33(36)
John Murray	441	S	40.69x 7.85x(4.34)	27(8)
Kathleen				
Mara	(110)	W	22.25x 6.20x(3.17)	10(3)
Mizpah	24	W	12.12x 4.27x(1.55)	3(2)
Nucella	22.47	S	14.03x 4.27x(1.22)	4(2)
Ocean Crest	131	S	30.28x 6.29x 3.66	6(15)
Prince Madog	182	S	28.65x 7.62x(3.35)	16(6)
Sarsia	319	S	39.01x 8.53x(2.90)	16(5)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1967	Fr (shell fish)	Scottish coast	Department of Agriculture and Fisheries for Scotland	OVW:61
1966	Do; Gg; Hy		Navy	OVW:61
1966	Do; Gg; Hy		Navy	OVW:61
1966	Do; Gg; Hy		Navy	OVW:61
1956	Do		British Antartic Survey	
1963 (1967)	Do		Natural Environment Research Council Marine Laboratory, Aberdeen	OVW:61
1958	Do; Fr	North Sea and West of Scotland	Department of Agriculture and Fisheries for Scotland	
1948	Bi; Do		Scottish Marine Biological Association	
1968	Fr (shell fish)		Ministry of Agriculture, Fisheries and Food, Lowestoft	
1956	Do		University College of Swansea	
1968	Fr; Gg; Hy		University College of North Wales	OVW:61
1953	Bi; Do		Marine Biological Association of the UK	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Scotia	(1,100)	S	49.99x 8.51x(4.60)	28(5)
Shackleton	1,102	S	60.96x10.97x(4.34)	31(22)
Silver Spray	7	W	8.53x 3.10x(1.07)	2(4)
Sir John Cass		S	30.42x 6.55x(2.13)	3
Sir William Hardy	417	S	40.71x 8.41x(4.19)	20(4)
Strathclyde	152	W	32.50x 7.01x(2.44)	7(7)
Sula	45	W	18.75x 5.49x(2.44)	6(2)
Tellina	46	W	16.76x 5.33x(2.01)	6(2)
Waterwitch	(160)	W	32.61x 6.71x 2.11	13(6)
Weather Adviser	(1,788)	S	76.91x11.28x 4.36	47(7)
Weather Explorer	935	S	62.50x10.10x 5.00	53(7)
Weather Monitor	(1,788)	S	76.91x11.28x 4.36	47(7)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1942	Fr; Do		Department of Agriculture and Fisheries for Scotland	
1954 (1955)	Do		British Antartic Survey	
1952	Do		University of Liverpool (Port Erin)	
1967	Do; Gg; Hy		Sir John Cass College and University of London	OVW:61
1955	Fr	North Sea, North-East Atlantic	Torry Research Station (Mintech)	
1956 (1968)	Do; Fr		University of Strathclyde	
1948	Bi; Do		Marine Biological Association of the UK	
1960	Do; Fr (trawl)		Ministry of Agriculture, Fisheries and Food, Lowestoft	
1959 (1963)	Hy		Navy	
1944 (1960)	Mt		Meteorological Office	
1940	Do; Mt	Eastern North Atlantic	Meteorological Office, Berks.	RVD:2-243 OVW:61.46
1944 (1960)	Mt		Meteorological Office	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Weather Reporter	(1,788)	S	76.91x11.28x 4.36	47(7)
Weather Surveyor	(1,788)	S	76.91x11.28x 4.36	47(7)
Woodlark	(160)	W	32.61x 6.71x(2.11)	18(3)
URUGUAY				
Capitan Miranda	(516)			
USA				
1. Bureau of Commercial Fisheries, Bureau of Sports, Fisheries and Wild Life				
Alaska	272	S	30.48x 7.92x 4.19	15(4)
Albatross IV	969	S	57.00x10.10x 5.80	38(16)
Alosa			14.63x 4.88x 1.74	6(4)
Bertha Ann	547	S	53.64x 9.75x 3.69	27(10)
Black Douglas	371	S	45.72x 9.75x 3.66	22(11)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1944 (1960)	Mt	North Atlantic	Meteorological Office	
1944 (1960)	Mt		Meteorological Office	
1960 (1963)	Hy		Hydrographic Department M.O.D. Navy	
1930				
1947	Bi; Do; Fr (exploratory fishing, gear experiments)	Pacific Coast (US and Mexico)	B.C.F., Calif.	RVD:2-165 OVW:62.140
1963	Bi; Do; Fr (exploratory fishing, gear experiments/trawl, gill net); Hy; Mt	North-West Atlantic	B.C.F., Woods Hole	RVD:2-255 OVW:62.143
1939	Fr (exploratory fishing, gear experiments/trawl)		B.C.F., Maryland	
1945	Bi; Do; Fr (exploratory fishing); Hy		B.C.F., Seattle	OVW:62.331
1930	Bi; Do; Hy	Southern Oregon, USA to Cape San Lucas Baja, California, Mexico	B.C.F., Calif.	RVD:2-207 OVW:62.159

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Charles H. Gilbert	197	S	37.47x 6.40x 3.21	16(4)
Cisco	75	S	18.44x 5.43x 2.43	9(5)
David Starr Jordan	875	S	52.12x10.97x 5.28	35(13)
Delaware	373	S	44.99x 7.62x 3.66	22(3)
Delaware II	680		47.40x 9.14x(3.50)	22(8)
Dolphin	400	S	32.61x 7.62x(2.77)	14(5)
George E. Kelez	550	S	53.80x 9.75x 4.27	16(4)
George M. Bowers	91	W	22.50x 6.10x 2.84	10(6)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1952	Bi; Do; Fr (exploratory fishing, gear experiments/trawl, seine, gill net, hand line, troll, long line); Hy; Mt	Central Pacific	B.C.F., Ann Arbor	RVD:2-129 OVW:62.168
1951	Bi; Do; Fr (exploratory fishing, gear experiments)	Great Lakes, USA	B.C.F.,Ann Arbor	RVD:1-44 OVW:62.171
1965	Bi; Do; Fr (exploratory fishing); Mt	Eastern Pacific	B.C.F., La Jolla	RVD:3-399 OVW:62.384
1937	Bi; Fr (exploratory fishing, gear experiments/long line)	North-West Atlantic	B.C.F., Glouces-ter	RVD:3-297 OVW:62.348
1968	Bi; Fr (exploratory fishing, gear experiments/long line, stern trawl, purse seine, gill net, clam and scallop dredge, trap and pots)		B.C.F., Glouces-ter	OVW:62
1953	Fr			OVW:62.351
1944	Bi; Do; Fr (exploratory fishing, gear experiments/gill net, long line); Hy; Mt	North Pacific Ocean	B.C.F., Seattle	RVD:2-219 OVW:62.367
1954	Fr (exploratory fishing, gear experiments)	South-Eastern USA	B.C.F.	RVD:2-75 OVW:62.334

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Geronimo	740	S	43.59 x10.31x 5.21	25(10)
Gus III	121	W	26.82 x 7.21x(3.08)	9(5)
Heron			17.78 x 4.11x(1.83)	
Hiodon			14.02 x - x -	
John N. Cobb	250	W	28.47 x 7.80x(3.90)	11(4)
John R. Manning	147	W	26.37 x 6.89x 3.66	
J-1110	14	W	12.19 x 3.43x 1.24	
Kaho	80	S	19.74 x 5.41x 2.44	5(2)
Kingfish			13.11 x 3.66x(0.84)	4(3)
Makua	52	W	19.81 x 5.03x(1.83)	8(6)
Marine View	111	W	24.69 x 6.49x 3.02	11(4)
Miller Freeman	(1,200)		65.53 x - x -	29(9)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1944	Bi; Do; Fr (exploratory fishing, gear experiments/ trawl, hand line, troll); Hy; Mt	Tropical Atlantic	B.C.F., Miami	RVD:2-231 OVW:62.196
1954	Hy; Mt		B.C.F.	OVW:62.370
1940	Bi; Do; Fr (exploratory fishing)		B.C.F., Auke Bay	
1965	Fr		B.C.F., Missouri	
1950	Bi; Fr		B.C.F., Seattle	OVW:62.218
1950	Bi; Fr (exploratory fishing, gear experiments); Pr (fisheries)		B.C.F., Alaska	RVD:2-123
	Bi; Fr (exploratory fishing/ trawl, seine, troll)	Vicinity of Beaufort Inlet	B.C.F., North Carolina	RVD:3-9
1961	Bi; Fr (exploratory fishing, gear experiments/ trawl, seine, gill net); Hy	Great Lakes, USA	B.C.F., Ann Arbor	RVD:2-51 OVW:62.38
1954	Bi; Hy		B.C.F., Florida	OVW:62.390
1942	Bi; Pr (fisheries)		Hawaii Department of Land and Natural Resources	OVW:62.236
1943	Bi; Do	North Pacific Ocean and Bering Sea	B.C.F., Seattle	RVD:2-105
1967	Do; Fr			

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Murre II	295	W	26.21 x 7.31x 3.05	5(3)
Musky II	25	S	13.70 x 4.36x 1.83	4(2)
N.B. Scofield	168	W	30.66 x 7.16x 4.19	12(3)
Oregon	410	S	30.48 x 7.92x 4.27	18(6)
Oregon II	700		51.82 x10.36x 5.56	25(11)
Paragon	88	W	27.43 x 5.67x 2.71	13(4)
Phalarope II				(2)
Pribilof	(1,187)		64.00 x - x -	
Rorqual	47	S	19.81 x 4.88x 1.83	6(4)
Shang Wheeler		W	15.49 x 4.50x(1.67)	6(4)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1943	Bi; Do; Fr (exploratory fishing, gear experiments)	South-East Alaska	Marine Biological Investigation, Auke Bay	RVD:2-117 OVW:62.395
1960	Bi; Fr (exploratory fishing, gear experiments/trawl, gill net); Hy	Lake Erie	B.C.F., Ohio	RVD:2-27 OVW:62.398
1938	Bi; Do; Fr (exploratory fishing, gear experiments)	West Coast (USA and Mexico)	Department of Fish and Game, California	RVD:2-159 OVW:62.251
1946	Bi; Fr (exploratory fishing, gear experiments/long line)	South-eastern coast of USA, Caribbean and North-eastern coast of South America	B.C.F., Georgia	RVD:2-177 OVW:62.416
1967	Bi; Fr (exploratory fishing, gear experiments/long line, trawl, purse seine, gill net, shell fish dredge)	Gulf of Mexico, Caribbean Sea, Tropical Atlantic	B.C.F., Pascagula	RVD:3-393 OVW:62
1925	Bi; Do	North Pacific Ocean and Bering Sea	B.C.F., Seattle	RVD:2-87
	Fr		B.C.F., Mine	
	Fr		B.C.F., Seattle	
1940	Bi; Fr (gear experiments)		B.C.F., Gloucester	OVW:62.422
1951	Bi; Do; Hy	Long Island Sound	B.C.F., Milford	RVD:2-39 OVW:62

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Siscowet	41	S	16.08 x 4.42x 2.13	5(3)
Sockeye		W	12.20 x 3.66x 1.22	5(3)
Townsend Cromwell	565	S	48.31 x10.06x 4.42	22(7)
Undaunted	760	S	43.59 x10.31x 5.21	29(14)
Windward	116	W	24.38 x 6.55x 3.11	11(4)
2. Universities and Research Institutions				
A.E. Verrill			19.79 x 5.64x 2.13	
Acona	154	S	24.38 x 6.48x 2.80	17(4)
Alaminos	770	S	54.81 x 9.75x(2.53)	32(14)
Alexander Agassiz	(820)	S	54.81 x - x(2.90)	31(13)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1957	Bi; Hy	Lake Superior, USA	B.C.F., Ashland	RVD:1-26 OVW:62.286
1946	Bi; Do; Fr (exploratory fishing, gear experiments); Hy	Bristol Bay, Alaska	B.C.F., Juneau	RVD:2-9
1963	Bi; Do; Fr (exploratory fishing, gear experiments/trawl, gill net, hand line, troll, long line); Hy; Mt	Central Pacific	B.C.F., Miami	RVD:2-213 OVW:62.475
1944	Bi; Do; Fr (exploratory fishing, gear experiments/ trawl, hand line, troll); Mt; Tr (fisheries/trawl, hand line, troll)	Tropical Atlantic	B.C.F., Miami	RVD:3-375 OVW:62.479
1945	Bi; Do	North Pacific Ocean, Gulf of Alaska	B.C.F., Seattle	RVD:2-111
1967	Bi		Marine Biological Laboratory, Woods Hole	
1961	Bi; Do; Tr (oceanography)	Off Oregon, Washington and Northern California	University of Alaska	RVD:1-86
1944	Do		Texas A & M College	OVW:62.137
1944	Do		Scripps Institution of Oceanography	OVW:62.134

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Allegheny	(860)	S	43.60 x10.40x(4.00)	46(6)
Alpha Helix	187	S	46.22 x 9.45x(3.19)	22(10)
Alvin Catamaran	(113)	S	29.87 x - x -	10
Anton Bruun	1,562	S	74.37 x10.97x(5.03)	56(24)
Argo	(2,079)			64(24)
Atlantis	312	S	43.14 x 8.50x 6.60	29(9)
Atlantis II	1,100	S	64.00 x13.41x(4.90)	53(25)
Brown Bear	(750)			32(21)
Carite	36	W	19.94 x 5.00x(2.13)	8(4)
Catamaran vessel	300	S	43.00 x16.02x(2.74)	34(17)
Chain	1,200	S	65.20 x12.57x 5.79	56(25)
Commando	69	W	20.42 x 5.53x 2.57	9(5)
Conrad	(1,370)		63.70 x - x -	
Crawford	250	S	38.10 x 7.32x 3.73	22(7)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1944	Hy		Colombia University	OVW:62.146
1965	Bi		Scripps Institution of Oceanography	OVW:62.493
			Woods Hole Oceanography Institution	
1930			National Science Foundation	OVW:62.328
1944			Scripps Institution of Oceanography	
1931	Bi; Hy	Atlantic Ocean	Woods Hole Oceanographic Institution	RVD:2-237
1962	Bi; Hy		Woods Hole Oceanographic Institution	OVW:62.156
1934	Do; Tr (fisheries)		University of Washington	
1944	Do; Fr (exploratory fishing)		University of Puerto Rico	OVW:62.336
1963	Do		University of Miami	OVW:62.165
1944	Bi; Hy	Atlantic Ocean	Woods Hole Oceanographic Institution	RVD:2-273
	Bi; Fr (exploratory fishing, gear experiments)			OVW:62.174
	Do; Tr (fisheries)		Columbia University	
1927	Bi; Do; Hy; Gg	Atlantic Ocean	Woods Hole Oceanographic Institution	RVD:2-183

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Eastward	276	S	35.81x 8.69x(3.20)	30(15)
Ellen B. Scripps	115	S	28.96x 7.32x(1.83)	13(7)
Eltanin	2,703	S	81.12x15.70x(6.02)	85(37)
Empire State IV	12,162	S	149.04x21.18x(7.80)	565(2)
Fiesta	50	W	22.00x 5.50x(2.80)	10(6)
Gerda	(135)			8(5)
Gulf Stream	43	S	16.46x 4.57x(1.52)	6
Highland Lassie III	43	S	14.02x 3.71x(0.91)	5(2)
Hoh	81	W	19.81x 4.88x 1.83	8(7)
Horizon	(900)			32(14)
Inland Seas	272	S	34.75x 8.23x(3.51)	16(8)
J.E. Pillsbury	(984)	S	53.80 x 9.91x(3.20)	34(15)
Johnson	25	A	13.72 x 5.49x(1.09)	
Josiah Gibbs	2,265	S	94.80 x12.80x(4.41)	72(34)
Kit Jones	40	W	19.81 x 5.03x 1.52	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1965	Bi		Duke University	OVW:62.354
1965	Do; Hy		Scripps Institution of Oceanography	OVW:62.496
1957	Bi; Do; Hy; Mt		National Science Foundation	OVW:62.31
1942	Hy		New York University	OVW:62.177
1932	Hy		Hawaii Institute of Geophysics	OVW:62.186
1948	Do		University of Miami	
	Bi; My		Nova University	OVW:62
1956	Do		University of Michigan	OVW:62.373
1943	Do		University of Washington	OVW:62.375
1944			Scripps Institution of Oceanography	
1943		Great Lakes	University of Michigan	OVW:62.378
1944	Do		University of Miami	OVW:62.31
1962	Hy		US Army Corps of Engineers, Detroit	OVW:62
1944	Do		Hudson Laboratory	OVW:62.55
1939	Bi; Do; Fr (exploratory fishing, gear experiments/ trawl)		University of Georgia	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Knorr	(1,915)	S	74.63 x14.02x(4.57)	
Kyma	(90)		19.81 x - x -	
Langley	109	S	23.27 x 9.75x(1.68)	11(8)
Lorene	13		13.38 x 4.20x 1.31	4(3)
Mahi	(650)	S	56.24 x10.05x(3.85)	30(16)
Manning	(95)		19.81 x 5.49x(2.44)	4
Maury	33	S	19.81 x 4.57x 1.68	7(4)
Medusa				2
Melville	(1,915)	S	74.63 x14.02x(4.57)	
Mysis	(35)	S	15.24 x 4.57x(1.83)	5(3)
Natchik	(16)	W	11.66 x 3.61x 1.22	4(3)
Naiad	(8)	W	10.36 x 2.74x(0.91)	4(3)
Oconostota	(322)	S	31.09 x - x(3.66)	14(4)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1969	Do Hy; Mt		Woods Hole Oceanographic Institution (owned by Navy)	OVW:62
1952	Do		New York University	OVW:62.221
1952	Hy		Virginia Institution of Marine Science	OVW:62.227
1940	Bi; Do; Tr (fisheries)		University of Texas	
1944	Do		University of Hawaii	OVW:62
1954	Do		Columbia University	OVW:62.238
1950	Do		John Hopkins University	OVW:62.245
			University of Puerto Rico	OVW:70.1
1969	Do; Hy; Mt		Woods Hole Oceanographic Institution (owned by Navy)	OVW:62
1963	Hy; Mt		University of Michigan	OVW:62.401
1959	Bi; Do; Hy	From Nome to Barrow (Bering and Chukchi Seas)	Arctic Research Laboratory, Alaska	RVD:2-3 OVW:62.248
1951	Bi; Hy; Mt		University of Michigan	OVW:62.404
1944	Do		Scripps Institution of Oceanography	OVW:62.262

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Orion			15.85 x 4.05x(1.42)	6(4)
Paolina-T	(170)			14(5)
Pathfinder	37	W	16.76 x 5.18x(1.68)	7(5)
Ridgley Warfield	260	S	32.30 x 6.10x(2.29)	18(11)
Shenehon	(99)	S	19.81 x 5.49x(2.13)	8(5)
T-426	(95)	S	19.81 x 5.41(2.26)	9(4)
Teritu	136	W	27.42 x 6.40x(2.59)	16(6)
Te Vega	(270)			30(15)
Thomas G. Thompson	1,151	S	63.40 x12.04x(4.42)	41(18)
Trident	856	S	54.86 x 9.75x(3.05)	31(13)
Velero IV	292	S	33.53 x 8.23x 3.81	20(7)
Vema	734	S	61.57 x10.06x 7.09	33(15)
Wando River	148	S	30.50 x 8.40x 3.20	13(4)
Wolverine		W	14.02 x 3.96x 2.80	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1965	Bi	Chesapeake Bay	University of Maryland	OVW:62
1944			Scripps Institution of Oceanography	
1957	Bi; Hy		Virginia Institute of Marine Science	OVW:62.268
1967	Do; Gg; Hy		John Hopkins University	OVW:62
1953	Do; Gg; Hy		US Army Corps of Engineers, Detroit	OVW:62
1953	Gg		Columbia University	OVW:62.298
1953	Bi; Do; Hy; Gg		University of Hawaii	OVW:62.467
1930	Bi; Do; Hy		Stanford University	
1965	Do			OVW:62.470
1944	Bi; Hy		University of Rhode Island	OVW:62.313
1948	Bi; Do; Fr (exploratory fishing); Hy	S. California, Baja California, Mexico	University Park, Los Angeles	RVD:3-273
1923	Do; Gg		Columbia University	RVD:2-267
1957	Do; Hy	Pacific Ocean	Ocean Science Ships Inc.	RVD:2-141 OVW:62
(1963)	Do; Fr (exploratory fishing, gear experiments); Tr (fisheries); Pr (fisheries)			

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Yaquina	666	S	54.81 x 9.75x(3.20)	38(20)
3. Environmental Science Services Administration				
Bowie	(267)			28(5)
Davidson	995		53.34 x11.58x 3.51	36
Discoverer	(3,805)		92.35 x15.85x(5.49)	114(19)
Explorer		S	61.72 x 9.91x 5.44	102
Essa	(176)	S	24.38 x 6.71x(3.11)	11
Fairweather	(1,615)	S	67.26 x12.80x(3.96)	82
Ferrel	(363)	S	40.61 x 9.76x(2.13)	16
Hodgson	(289)			29(6)
Hydrographer	(1,106)			64(29)
Lester Jones	(150)			15(1)
Marmer	(22)			17(2)
McArthur	(995)		53.34 x11.58x(3.51)	36
Mount Mitchell	(1,794)			76(40)
Oceanographer	(3,805)	S	92.35 x15.85x(5.49)	114(19)
Pathfinder		S	69.89 x11.89x 7.01	98
Patton	(150)			16(1)
Pierce	(760)	S	49.86 x10.06x(2.67)	36

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1944	Do		Oregon State University	OVW:62.484
1943	Do; Hy		US Coast and Geodetic Survey	
1965	Do; Gg; Hy		US Coast and Geodetic Survey	OVW:62
1966	Do; Hy			OVW:62.257
1940	Do; Hy	Atlantic Ocean, USA	US Coast and Geodetic Survey	RVD:2-249 OVW:62-34
1966	Gg; Hy; Mt		US Coast and Geodetic Survey	OVW:62
1964	Do; Hy		US Coast and Geodetic Survey	OVW:62.183
1968	Hy		US Coast and Geodetic Survey	OVW:62
1943	Do; Hy		US Coast and Geodetic Survey	
1930	Do; Hy			
1944	Do; Hy			
1932	Do; Hy			
1965	Do; Gg; Hy		US Coast and Geodetic Survey	OVW:62
1967	Do; Hy		US Coast and Geodetic Survey	
1966	Do; Hy			OVW:62.257
1942	Do; Hy	North Pacific Ocean	US Coast and Geodetic Survey	RVD:2-291
1941	Do; Hy			
1963	Do; Hy		US Coast and Geodetic Survey	OVW:62.274

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Polaris	(57)		29.26 x 6.10x(2.13)	10(5)
Rainier	(1,615)		67.26 x12.80x(3.96)	82
Researcher	(2,800)	S	84.73 x - x -	67(18)
Researcher	(2,800)	S	84.81 x15.54x(4.95)	77(23)
Rude	(176)	S	24.38 x 6.71x(3.11)	11
Surveyor	2,653	S	89.09 x14.02x 8.31	111
Whiting	(760)	S	49.86 x10.06x(2.67)	36
4. Industries				
A.B. Wood		S	23.47 x 3.66x(2.29)	15
Annandale	159		27.47 x 7.01x(3.20)	7
Bayou Chico	251		38.10 x 8.11x(2.13)	26
Black Creek	151		26.40 x 6.71x(1.83)	16
Bluff Creek	151		26.40 x 6.71x(1.83)	16
Buccaneer	30	W	18.40 x 4.90x(1.52)	6
Cecil H. Green	(499)	S	38.69 x 9.75x(2.44)	24(21)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1929	Gg		Office of Marine Geology and Hydrogy, California	OVW:62
1965	Do; Hy		US Coast and Geodetic Survey	OVW:62.183
1968	Do		US Coast and Geodetic Survey	
1969	Do; Gg; Hy		US Coast and Geodetic Survey	OVW:62
1966	Gg; Hy; Mt		US Coast and Geodetic Survey	OVW:62
1960	Do; Hy	North Pacific Ocean	US Coast and Geodetic Survey	RVD:1-296
1963	Do; Hy		US Coast and Geodetic Survey	OVW:62.274
	Do; Hy		Marine Acoustical Services	OVW:62.325
	Gg		Oceanic Enterprises Inc.	OVW:62
1963	Gg		Western Geophysical Company of America	OVW:62.483
1955	Gg		Western Geophisical Company of America	OVW:62.483
1953	Gg		Western Geophisical Company of America	OVW:62.483
	Gg		Marine Exploration Co. Inc.	OVW:62.162
1965	Gg		Geophysical Services	OVW:62.342

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Cedar Creek	151		26.40 x 6.71x(1.83)	16
Cripple Creek	(67)		19.81 x - x -	
Cynthia Walker	16		26.40 x 6.71x(1.68)	16
Earl of Desmond		S	27.43 x 6.10x(3.20)	14(8)
Earl of Kildare			19.81 x 4.88x(1.52)	7(4)
Eastwind	(6,500)			244(10)
F.B. Walker	132		29.57 x 7.32x(1.83)	
F.V. Hunt	860	S	56.39 x10.67x(3.35)	35(14)
Falcon		W	23.47 x 4.88x(2.74)	7(4)
Five Bells	98	W	27.43 x 5.24x(2.13)	16(12)
Fred. D. Parr	544	S	45.11 x13.46x(4.27)	28(12)
G.W. Pierce	233	W	41.45 x 7.62x(2.74)	22(10)
Glacier	(8,300)		94.49 x - x -	250(10)
Green Hornet	(8)		11.28 x - x -	(3)
Gulfrex			67.06 x 9.75x(2.74)	38(22)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1955	Gg		Western Geophysical Company of America	OVW:62.483
	Gg		ESSA	
1955	Gg		Western Geophysical Company of America	OVW:62.483
	Do		The Geraldines Ltd.	OVW:62.307
	Do		The Geraldines Ltd.	OVW:62.310
1945	Do			
1955	Gg		Western Geophysical Company of America, Los Angeles, Cal.	OVW:62.483
1937	Do		Marine Acoustical Services, Inc., Miami, Florida	OVW:62.363
1929	Do		Alpine Geophysical Association	OVW:62.357
1948	Do		Mission Bay Research Foundation, San Diego	OVW:62.360
1943	Do		Ocean Transport Co.	OVW:62.193
1942	Do			OVW:62.202
1955	Do; Hy			
	Bi		Alpine Geophysical Association	
1965	Do; Gg		Ocean Science and Engineering Inc., Washington	OVW:62

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Haeremai Star	120		33.53 x 5.49x(1.83)	
Harold W. Streeter		W	13.71 x 4.27x(1.83)	6(5)
H.C. Hayes	157	W	29.87 x 6.10x(2.29)	11(3)
H.J.W. Fay	70	W	25.30 x 5.18x(1.37)	8(5)
Holokai		S	21.34 x 5.88x 2.14	
Jackson Creek	146		26.40 x 6.71x(1.68)	16
Johnny Walker	147		27.86 x 6.80x(1.83)	16
Kay Walker	184		33.53 x 6.71x(1.83)	13
Kyma		S	19.81 x 5.18x -	
Lahoma	19	S	15.24 x 3.95x(1.21)	6
Linda Walker	146		27.86 x 6.80x(1.83)	16
Lord Kelvin	136	W	33.04 x 5.58x(1.92)	8(4)
Lord Rayleigh	48	W	19.81 x 5.00x(1.98)	5(2)
Maurice F. Fitzgerald		S	25.30 x 4.88x(1.52)	10(6)
Miss Freeport	149		32.00 x 6.71x(2.13)	13

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1944	Gg		Western Geophysical Company of America	OVW:62.483
1962	Do; Hy		Public Health Service	OVW:62.205
1941	Do		Marine Acoustical Services	OVW:62.208
1943	Do		Marine Acoustical Services	OVW:62.211
1968	Do	Oahu, Hawaii	Makai Range Inc. Oahu, Hawaii	
1957	Gg		Western Geophysical Company of America	OVW:62.483
1956	Gg		Western Geophysical Company of America	OVW:62.483
1954	Gg		Western Geophysical Company of America	OVW:62.483
	Do; Hy			
	Do; Gg		Marine Exploration Co. Inc.	OVW:62.224
1956	Gg		Western Geophysical Company of America	OVW:62.483
1942	Do		Marine Acoustical Services	OVW:62.230
1944	Do		Marine Acoustical Services	OVW:62.233
1955	Do; Hy		The Geraldines Ltd.	OVW:62.243
1951	Gg		Western Geophysical Company of America	OVW:62.483

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Neper	23	W	14.63 x 4.11x(1.70)	6
Neptunus Rex	170	S	29.57 x 6.55x(3.35)	13(6)
Oceaneer	180	S	30.50 x 7.30x 3.05	14(9)
Oil Creek	151		26.40 x 6.71x(1.83)	13
Pacific Surveyor	130	W	33.53 x 5.52x(2.83)	23(17)
Paul Langevin	233	W	41.45 x 7.62x(2.74)	22(10)
Perspicacity	(86)	S	19.96 x 5.38x(1.73)	12(8)
Privateer			29.57 x 6.71x(2.44)	(15)
Response	95	W	19.81 x 7.62x(1.30)	10(8)
Red Creek	151		26.21 x 6.71x(1.83)	16
Rockeater	(550)		54.86 x - x -	
Ruth Ann	747	S	54.86 x 9.75x(3.66)	29(12)
Santa Maria	747	S	54.86 x 9.75x(3.66)	29(12)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1955	Do		Minneapolis Honeywell Regulator Co.	OVW:62.254
1962	Bi; Hy		Beaudette Foundation, California	OVW:62.408
1965	Do; Fr (exploratory fishing, gear experiments)	West Coast of USA to Hawaii	Ocean Science Ships, Inc., Washington	RVD:3-249 OVW:62.491
1955	Gg		Western Geophysical Company of America	OVW:62.483
1943	Do; Hy		Douglas Aircraft Co., California	OVW:62.265
1943	Hy		Marine Acoustical Services	OVW:62.271
1953	Gg		US Department of the Interior	OVW:62.419
	Do		Marine Exploration Co. Inc.	OVW:62.278
1962	Hy		Minneapolis Honeywell Regulator Co.	OVW:62.280
1955	Gg		Western Geophysical Company of America	OVW:62.438
	Do; Gg		Anglo-American Corporation	
1944	Hy		Alpine Geophysical Association	OVW:62.424
1945	Hy		Alpine Geophysical Association	OVW:62.427

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Sea Breeze			28.65 x - x -	
Sea Hunter	58	S	19.81 x 5.33x(1.98)	8(5)
Seadiver II		S	27.74 x 6.86x(2.29)	13
Sea Quest		S	14.87 x 3.78x 1.62	6(5)
Sea Scope			56.44 x10.06x(2.94)	27(10)
Sharon Walker			28.04 x 6.80x(1.83)	16
Sonic	(405)	S	48.16 x 7.32x(1.83)	21(10)
State Bell	196	S	38.10 x 7.32x(3.66)	21(16)
State Chief	196	S	38.10 x 7.32x(3.66)	21(16)
State Express	196	S	41.15 x 9.75x(2.59)	10(5)
State Fair	99	S	26.21 x 6.70x(1.98)	16(11)
State Key	129	S	28.04 x 6.71x(2.29)	12(7)
State Point	196	S	45.72 x10.67x(3.20)	16(11)
State Star	134	S	26.21 x 6.71x(2.13)	18(13)
State Wave	196	S	38.10 x 8.53x(3.66)	20

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
	Fr (exploratory fishing)		Wilton Trawler Corp., Virginia Institute of Marine Science	
1950	Fr		Perry Submarine Builders	OVW:62.433
1959	Do		Edwin A. Link	OVW:62.430
1961	Bi; Do	South California	Lockheed Aircraft Corp., California	RVD:1-8 OVW:62.94
1945	Do		Seascope Inc.	OVW:62.435
1956	Gg		Western Geophysical Company of America	OVW:62.483
	Hy		Science Services Division, Texas	OVW:62.289
1927	Do		State Boat Corporation	OVW:62.443
1927	Do		State Boat Corporation	OVW:62.446
1957	Do		State Boat Corporation	OVW:62.449
1957	Do		State Boat Corporation	OVW:62.452
1931	Gg		State Boat Corporation	OVW:62.455
1965	Gg		State Boat Corporation	OVW:62.458
1956	Hy		Daystom Electric Texas	OVW:62.292
1965	Do		State Boat Corporation	OVW:62.461

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Sunbeam	72	W	21.95 x 5.36x(2.13)	11(6)
Swan	259	W	41.91 x 7.62x(2.68)	24(16)
Texin	(420)	S	53.04 x10.67x(1.98)	30
Toni Walker	147		28.04 x 6.80x(1.83)	16
Unitedgeo I	(183)		39.01 x - x -	(18)
Unitedgeo II	(183)		39.01 x - x -	(18)
Vicca		S	31.32 x 6.40x 3.28	16(8)
Wayne Walker	160		30.48 x 6.83x(1.83)	18
Western Geophysical I	189		32.00 x 7.65x(2.13)	22
Western Geophysical II	187		32.00 x 7.65x(2.13)	22
Western Geophysical III	188		32.00 x 7.65x(2.13)	22
Western Gulf	(64)		21.95 x - x -	(4)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1965	Do		Research Charters Corporation	OVW:62.464
1944	Hy		General Motors Co., California	OVW:62.295
	Bi; Do: Gg		Science Services Division, Texas	OVW:62.304
1956	Gg		Western Geophysical Company of America	OVW:62.483
	Gg		United Geophysical	
	Gg		United Geophysical	
1960	Do	Chicago	Valsicol Chemical Corporation, Chicago, Ill.	
1957	Gg		Western Geophysical Company of America	OVW:62.483
1964	Gg		Western Geophysical Company of America	OVW:62.483
1964	Gg		Western Geophysical Company of America	OVW:62.483
1964	Gg		Western Geophysical Company of America	OVW:62.483
	Fr		Texas Parks and Wildlife	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
5. Coast Guard				
Absecon	(2,300)	S	94.79 x12.50x(4.11)	138(4)
Androscoggin	(1,913)	S	77.72 x13.10x(5.02)	
Casco	(2,300)		94.79 x12.50x(4.11)	168(18)
Castle Rock	(2,800)		94.79 x - x -	
Chautauqua	(1,563)		77.72 x - x -	
Duane	(2,216)		99.67 x - x -	(3)
Evergreen	(1,025)		54.90 x11.30x(4.00)	52(7)
Hamilton	(3,050)	S	115.29 x12.80x(6.17)	181
Ingham	(2,827)			128(3)
Rockaway	(2,800)		94.97 x - x -	(12)
Sebago	(1,913)			128(3)
Taney	(2,585)	S	99.67 x12.50x(4.34)	
6. Navy				
Bartlett				
Bios Pacifica	(15)		10.97 x - x -	(4)
Bowditch	7,600	S	138.38 x18.90x(9.45)	106(47)
Cayuse	(150)		24.38 x - x -	(7)
Chain	(2,100)			52(23)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1942	Bi; Do; Mt			OVW:62.131
1946	Do; Mt			OVW:62.150
1943	Do			OVW:62.339
	Do; Mt			
1943	Do			OVW:62.180
1967	Do; Gg			OVW:62
1937	Do			
1944	Bi; Do; Mt			
	Bi; Mt			OVW:62.301
1967				
1945 (1958)	Do		Naval Oceanographic Office, Washington	OVW:62.322
1944				

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Charles Davis	(1,400)	S	63.70 x - x -	
Desteiguer				
Dutton	7,600	S	138.83 x18.90x(9.45)	106(47)
Fairview	(820)	S	56.39 x - x -	(5)
Gibbs	(2,800)			72(24)
Grass Valley	(500)			32(20)
James M. Gillis	(1,370)	S	63.70 x11.89x(4.57)	38(15)
Kane	(2,500)	S	86.87 x - x -	
Keathley	(5,000)	S	103.02 x - x -	(20)
Kellar	(1,350)			41(15)
Littlehales	(600)	S	40.23 x 9.44x(1.80)	21
Lynch	(1,400)	S	63.70 x - x -	
Marysvill	(820)	S	56.39 x - x -	68(5)
Maury	(5,298)	S	129.84 x17.68x(4.72)	341(36)
Michelson	(7,600)	S	138.38 x18.90x(9.85)	106(47)
Mission Capistrano	(10,500)	S	161.54 x - x -	(15)
Mizar	(3,000)			51(12)
Navoceano I	(60)	W	22.86 x 5.18x(1.52)	16(13)
Onar	74	S	19.96 x 5.33x(2.13)	10(9)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1963				
1967				
1945 (1958)	Do		Naval Oceanographic Office, Washington	OVW:62.322
1944	Do			
1945	Gg			
1962	Bi; Do; Hy		Military Sea Transportation	OVW:62.214
1966	Gg			
1966				
1945	Do			OVW:62.58
1965				
1944	Do		Navy Electronics Laboratory, San Diego	OVW:62.240
1945	Do; Mt			OVW:62.392
1945 (1958)	Do		Naval Oceanographic Office, Washington	OVW:62.322
1944	Do; Hy			
1964	Do			
1944			Naval Oceanographic Office, Maryland	OVW:62.406
1954	Do			OVW:62.413

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Peregrine	(1,250)			(16)
Rehoboth	(2,750)	S	94.48 x - x -	
Rexbury	(820)	S	56.39 x - x -	(5)
Rockvill	(820)	S	56.39 x - x -	(6)
Sands	(1,400)	S	63.70 x - x -	
Serrano	(1,235)			84(2)
Sgt. C.F. Shoup	(5,000)	S	103.02 x - x -	(20)
Sheldrake	(1,250)	S	67.36 x - x -	
Silas Bent	2,463	S	86.87 x14.63x(4.88)	78(34)
Sir Horace Lamb	(320)	W	41.45 x 7.62x(2.74)	23(8)
Tanner	(6,500)			338(8)
Thomas Washington	(1,362)	S	63.70 x - x -	
Thompson				
Towhee	(1,120)	S	67.06 x 9.75x(3.35)	100(6)
Vagabond			12.19 x - x -	(2)
Virginia City	(1,235)			40(20)
YFU 44	274	S	36.27 x10.36x(1.22)	10
USSR				
Ajsberg				
Ajtodor				

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1964				
1943				
	Gg			
1964	Do			OVW:62.438
1942	Hy; Mt			OVW:62.283
1944	Do			
1965				
1965				
1945	Do; Hy		Naval Oceano-graphic Office	OVW:62.473
1943	Gg			
1944	Hy		US Naval Ordnance Test Station	OVW:62.487
			Direction of the Hydrometservice Murmansk	
			Hydrographic Direction	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Akademic Korolov	5,460	S	124.20 x17.00x10.80	166(81)
Akademic Kurchatov	5,460	S	124.20 x17.00x10.80	161(66)
Akademic Shirshov	5,460	S	124.20 x17.00x10.80	166(81)
Akademic Vavilov	(400)			
Akademic Vernadsky	5,460	S	124.20 x17.00x10.80	166(81)
Ak. Kovalevskij				
Alazeja				
Andreev				
Aragats				
Artemovsk				
Asimut	(420)			
A. Smirnow				
Barograf	(260)			19

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1966	Do; Mt		Soviet Academy of Science	
1966	Do; Mt		Soviet Academy of Science	OVW:59
1967	Do; Mt		Soviet Academy of Science	
1949				
1967	Do; Mt		Soviet Academy of Science	
			USSR Academy of Science	
			Atlantic Institute for Fishery and Oceanography, Kalingrad	
			Atlantic Institute for Fishery and Oceanography, Kalingrad	
			Atlantic Institute for Fishery and Oceanography, Kalingrad	
			Atlantic Institute for Fishery and Oceanography, Kalingrad	
1914				
			Direction of the Hydrometservice, Tallin	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Berg				
Chukcha	(2,700)			55
Derjugin				
Ekvator	(1,200)			
Gals	(540)			
Gidrofon	(650)			100
Gidrograf	(600)			
Gidrometr	(650)			100
Gidroskop	(650)			100
Gorisont	(650)			100
G402	(550)			
G482	(550)			
Jurate				
Kamchadel	(1,300)			80
Kazan				
Kompas	(415)			
Kruzenchtern				
Lebedj	(1,100)			

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
			Polar Institute for Fishery and Oceanography, Murmansk	
			Laboratory of the Lake Authority of the USSR, Academy of Sciences, Leningrad	
1915				
1918				
			Direction of the Hydrometservice, Vilnjus	
1937				
			Atlantic Institute for Fishery and Oceanography, Kalingrad	
1918				
			Hydrographic Direction	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Lomonosov				
Lots-60				
Mazirbe	(438)			26(4)
Merepoeg	(90)			
Mikhail Lomonosov	(5,960)	S	31.21 x 4.40x(1.92)	135(65)
Mjag-Ostrov				
Mosalsk				
Mujnak				
Nevelskoj				
Novorossijsk Rt-99				
Ob	(12,000)			
Okean	(1,500)			
Okeanograph	(426)			29(9)
Okeanolog				

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
			USSR Academy of Sciences Hydrographic Direction	
1958				
1937				
1957	Do		Marine Hydrophysical Institute of the Ukranian Academy of Science	OVW:59.7
			Atlantic Institute for Fishery and Oceanography, Kalingrad	
			Atlantic Institute for Fishery and Oceanography, Kalingrad	
			Atlantic Institute for Fishery and Oceanography, Kalingrad	
			Hydrographic Direction	
			Polar Institute for Fishery and Oceanography, Murmansk	
1957				
1957				
1958				
			Direction of the Hydrometservice, Leningrad	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Okhotsk	(3,200)			160
Olojtsjan				
Olonets				
Ost	(650)			100
Otkvpshchikov	440	S	38.00 x 7.30x(2.85)	26(6)
Partizan	(1,300)			80
Persej-11				
Pervenets	(442)			36(13)
Petr Lebedev	(4,600)	S	94.00 x14.00 x(5.30)	
Poliarnik	(446)			30(10)
Polyarnyi	(1,300)			80
Prof. Rudovits	(626)			28(6)
Sedov				
Servey Vavilov	(4,600)	S	94.00 x14.00x(5.30)	
Sevastopol	(2,447)			92(26)
Severyanya	(1,050)			60

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1938			Atlantic Institute for Fishery and Oceanography, Kalingrad	
			Atlantic Institute for Fishery and Oceanography, Kalingrad	
1950	Do		Polar Scientific Research Institute	OVW:59.37
1937			Polar Institute for Fishery and Oceanography, Murmansk	
	Bi; Do; Hy		Academy of Sciences	OVW:59.40
1952				
1937			Hydrographic Direction	
1960	Bi; Do; Hy		Academy of Sciences	OVW:59.43
1951				

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Somov				
Soviet Albatros		S	50.2 x - x -	1(8)
Topseda	440	S	38.00 x 7.30x(2.85)	26(6)
Valivov				
Vest	(640)			100
Vitiaz	(5,710)			137(73)
Voejkov				
Vorovski	(2,300)			303(18)
Voshod				
Zaria	(580)			34(9)
Zhemchug	(422)			34(11)
Zuid	(640)			100
Zvezda				
VENEZUELA				
Biomar	(54)	W	18.95 x 4.15x 0.90	9(4)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
			Polar Institute for Fishery and Oceanography, Murmansk	
	Fr(scouting fish)			
1950	Do		PINRO	OVW:59.46
			USSR Academy of Sciences	
1939				
			Direction of the Hydrometservice, Valdivostock	
1900				
			Direction of the Hydrometservice, Murmansk	
1950				
			Atlantic Institute for Fishery and Oceanography, Kalingrad	
1955	Bi; Hy		Fundación La Salle Ciencias Naturales, Caracas	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Bipesca	(21)	W	13.15 x 3.75x 2.10	10(2)
Dios Te Salve	(8)	W	11.00 x 3.00x 0.90	8(6)
El Pionero	(12)	W	10.30 x 3.80x 2.10	10(6)
Golfo de Cariaco	(74)	S	19.77 x 5.53x 3.00	11(6)
Guaiquerí	(270)	W	41.50 x 7.50x 3.05	21(10)
La Salle	(540)	S	39.50 x 9.50x 3.30	28(15)
Monalisa II	(8)	W	10.38 x 4.00x 0.90	6(4)
Puerto Santo		S		
Skip	(128)	W	22.60 x 6.30x 3.00	15(2)

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1960	Fr(exploratory fishing/trawl)		Fundación La Salle Ciencias Naturales, Caracas	
1940	Bi; Fr		Instituto Oceanográfico Univ. Oriente, Cumaná	
1940	Bi; Fr		Instituto Oceanográfico Univ. Oriente, Cumaná	
	Fr(exploratory Fishing/trawl		Centro Investigaciones Pesqueras MAC, Cumaná	
1942	Bi; Do; Hy		Instituto Oceanográfico Univ. Oriente, Cumaná	OVW:64.1
1965	Fr(exploratory fishing, gear experiments/purse seine, long line); Hy		Fundación La Salle Ciencias Naturales, Caracas	OVW:64.4
1959	Bi		Instituto Oceanográfico Univ. Criente, Cumaná	
	Hy		Dirección Hidrografía y Navegación, Caracas	
1966	Fr(exploratory fishing/trawl)		Fundación La Salle, Ciencias Naturales, Caracas	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
VIETNAM				
Hoa Giang	(950)			55
Huunghi		S	23.77 x 6.50x 3.40	
YUGOSLAVIA				
Bios		W	11.70 x 3.46x 2.31	4(1)
Bios	162		27.74 x 7.15x 4.10	17(10)
Prevodnik	54	W	18.19 x 4.95x 2.15	7
ZAMBIA				
(Unknown)		P	8.24 x 3.96x -	
(Unknown)		P	8.24 x 3.96x -	

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1944				
1969	Fr(exploratory fishing/trawl, purse seine)		Off-shore Fisheries Development Project, UN	
1950	Bi; Do; Fr(exploratory fishing, gear experiments)	North Adriatic Sea	Bioloski Institut Jugoslavenski	RVD:2-15
1953	Bi; Do; Fr(exploratory fishing, gear experiments)	Middle Adriatic	Institutza Oceanografiju i vibarstoo, Split	RVD:1-146
1945	Do; Fr(exploratory fishing, gear experiments)	All Adriatic Sea	Institutza Oceanografiju i vibarstoo, Split	RVD:3-81
1967	Fr(exploratory fishing)		Lake Kariba Fisheries Research Institute Project, UN	
1967	Bi		Lake Kariba Fisheries Research Institute Project, UN	

2. UNDERWATER VEHICLES

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
CANADA				
Pisces	6.5	S	4.88 x 3.51x 1.83	2
FRANCE				
Archimède	61.0	S	21.03 x 3.96x 8.08	3
FNRS III				3
JAPAN				
Kuroshio	11.5	S	11.19 x 2.18x 3.17	6
Kuroshio II	11.5	S	11.19 x 2.18x 3.17	6
Shinkai	85.0	S	15.30 x 5.50x 5.00	4
Yomiuri	35.0	S	14.63 x 2.50x 2.80	6
SWITZERLAND				
Auguste Piccard	164.4	S	28.50 x 6.00x 7.32	40
UK				
SURV	6.0	S	3.30 x 1.93x 2.64	2

Year built (converted) and retired	Purpose and (operating depth in m/endurance in hr)	Area of operation or base	Operating or controlling agency	Reference
	Gg; (550/24)		International Hydrodynamics Co. Ltd.	
1961	Do; Gg; (11,000/12)		Navy	
	Do; (3,600/-)		Navy	
1960	Bi; Do; Fr; (200/24)		Hokkaido University	OVW:36.14
1960	Bi; Do; Fr; (200/24)		Hokkaido University	
1968	Bi; Fr; (600/48)		Maritime Safety Agency	
1964	Do; Fr; (300/-)		Yomiuri Newspaper	
1964	Do; Gg; (750/8)		National Exposition Corp.	
	Do; (300/8)		National Institute of Oceanography	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
USA				
Aluminat	78.0	S	15.54 x 2.44x 4.34	6
Alvin I	13.0	S	6.70 x 2.44x 3.96	3(2)
Alvin II		S		2
American Submarine Model 300	1.0	S	3.96 x 1.28x 1.45	2
American Submarine Model 600	1.6	S	3.96 x 1.68x 1.58	
Archerfish		S	94.80 x 9.22x(4.60)	71(4)
Autec I		S		2
Autec II	21.0	S	7.92 x -- x -	2
Beaver Mark IV	12.2	S	7.63 x 2.60x 2.74	6
Ben Franklin	130.0	S	14.65 x 5.65x 2.90	6
Benthos 300				10
Benthos V	1.9	S	3.44 x 1.86x 1.83	2
Comex Doris		S		2
Cubmarine PC3A	2.1	S	5.79 x 1.07x 1.83	2

Year built (converted) and retired	Purpose and (operating depth in m/endurance in hr)	Area of operation or base	Operating or controlling agency	Reference
1965	Do; Gg; (4,500/32)		Reynol Submarine Services Corp.	OVW:62.148
1965	Bi; Do; Gg; (1,800/10)	Near and off East Coast of America	Office of Naval Research, Woods Hole Oceanographic Institution	RVD:3-27
1967	Bi; Do; Gg; (2,000/8)		General Dynamics Office of Naval Research	
1961	Do; Gg; (90/8)		American Submarine Co.	
1963	Do; Gg; (180/8)		American Submarine Co.	
1943 (1964)			Navy	OVW:62.153
1968	Do; Gg; (2,000/8)		General Dynamics/ Atlantic Underwater Test & Evaluation Centre	
	Do; 600/		General Dynamics/ Atlantic Underwater Test & Evaluation Centre	
1968	Do; (600/48)		North American Aviation	
	Do; Gg; Hy; (600/16) (300/2 weeks)		Grumman Aircraft Engineering Corp.	
1963	Do; Gg; (180/8) (325/-)		Lear Siegler, Inc.	
1965	Bi; Do; Gg; (90/12)		Ocean Systems, Inc.	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Cubmarine PC3B	2.5	S	6.71 x 1.07x 1.83	
Cubmarine PC3X	2.2	S	5.65 x 1.07x -	2
Cubmarine PC5		S		5
Cubmarine PLC4	8.0	S	7.32 x 1.37x 2.65	4
Deep Diver	8.3	S	7.02 x 1.68x -	4
Deep Jeep	3.6	S	3.05 x 2.59x 2.44	2
Deep Quest	52.0	S	11.92 x 5.79x 4.05	2(2)
Deep River		S		2
Deepstar 2000	3.6	S	4.27 x 2.13x 1.52	3
Deepstar 4000	8.7	S	5.49 x 3.05x 2.13	3
Deepstar 20,000	30.2	S	9.76 x 2.75x -	3
Deep Submergence Rescue Vehicle		S		3
Deepview		S		2
Diving Saucer	3.9	S	2.90 x 2.90x 1.68	2
Dolphin AG 55	700.0	S	46.33 x 5.79x 6.10	22
DOWB	8.9	S	4.88 x 2.59x 1.83	3
Downbound		S		2

Year built (converted) and retired	Purpose and (operating depth in m/endurance in hr)	Area of operation or base	Operating or controlling agency	Reference
1964	Bi; Do; Gg; (180/12)		Ocean Systems, Inc	
	(46/20)			
1967	Bi; Do; Gg; (360/5)		Ocean Systems, Inc	
	Bi; Do; Gg; (450/5)		Ocean Systems, Inc	
	(410/-)			
1964	Bi; Do; Gg; (600/6)	China Lake, Calif.	Naval Ordnance Test Station	
1966	Do; Gg; (1,800/24)		Lockheed Missiles and Space Corp.	OVW:62.345
	(410/-)			
1967	Do; Gg; (600/8)		Westinghouse Electric Corp.	
	Do; Gg; (1,200/12)			
	(6,100/64)			
1968	Do; (1,000-1,800/12)		Navy Deep Submergence	
1967	Do; Gg; (1,500/81)		Naval Ordnance Test Station	
1959	Bi; Gg; (300/4)		Westinghouse Electric Corp.	
	Do		Navy	
1966	Do; (2,000/-)		General Motors Defence Research Laboratory	

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
DSRV	32.0	S	15.00 x 2.45x -	3
DSSV				
DSSr-1		S		
Grouper		S	93.57 x 8.23x(5.17)	88(15)
GSV-1		S		8
Guppy	1.8	S		2
Hikino		S		2
Kittridge			3.05 x 9.15x 1.52	1
Moray	10.0	S	10.06 x 1.62x 1.62	2
Nal'a	5.0	S	6.72 x 1.40x -	3
NR-1	400.0	S	42.75 x 4.27x -	7
Paulo I			4.58 x - x -	
Perry-Link Deep River				4
Pisces II		S	6.10 x 3.05x 3.66	2
Pisces III	11.0	S	6.10 x 3.05x 3.66	2
Pisces IV	9.1	S	6.10 x 3.05x 3.66	2
Pisces V	9.1	S	6.10 x 3.05x 3.66	2
Px-15	130.0		14.63 x - x -	6

Year built (converted) and retired	Purpose and (operating depth in m/endurance in hr)	Area of operation or base	Operating or controlling agency	Reference
	(1,520/40)			
	(6,100/40)			
1970	(610/40)		Westinghouse Underseas Division	
1942 (1964)	Do; (-/60)		Navy	OVW:62.199
1959	Do; Gg; (600/1 month)		Grumman Aircraft Engineering Corp.	
	(600/48)			
1968	Do; Gg; (Unlimited/4)		Naval Ordnance Test Station	
	(70/-)			
1964	Do; (1,800/24)		Naval Ordnance Test Station	
	(360/-)			
1969	Gg; (-/30 days)		Navy Special Projects Office	
	(300/30)			
1967	Do; Gg; (400/8)		Perry Submarine Builders, Inc.	
1968	(900/72)			
	(900/72)			
	(2,000/72)			
	(2,000/72)			
1967	Do; Gg; (600/6 weeks)		Grumman Aircraft Engineering Corp.	

Name of country and vessel	GT (Displ)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
Sea Cliff	21.0	S	7.93 x - x -	2
Sea-See			15.01 x 5.79x(3.05)	6
Shelf Diver	8.5	S	7.01 x 1.68x -	2
Spooner	1.8	S	3.50 x 1.27x -	4
Star I	1.3	S	3.08 x 1.83x 1.77	1
Star II	3.9	S	5.18 x 2.35x 2.32	2
Star III	10.0	S	7.47 x 1.98x 2.74	2(1)
Submaray	1.4	S	3.97 x 0.92x 1.52	2
Trieste	150.0	S	18.29 x 3.81x 5.49	
Trieste II	50.0	S	20.42 x 4.57x 5.49	3
Watercoupe				2
USSR				
Atlanta-1	1.9		4.45 x 4.30x 1.31	
Sever		S		
Sever-2	28.0		12.45 x 2.70x 3.85	
Severyanka			73.15 x 6.71x 4.57	60

Year built (converted) and retired	Purpose and (operating depth in m/endurance in hr)	Area of operation or base	Operating or controlling agency	Reference
	(2,000/50)			
1968	Bi; Fr		Naval Undersea Research and Development Center, California	OVW:62
	(240/48)			
	(300/-)			
1963	Do; Gg; (60/3)		Electric Boat Division, General Dynamics Corp. Groton, Connecticut	
1964	Do; Gg; (370/8)		Electric Boat Division, General Dynamics Corp. Groton, Connecticut	
1966	Do; Gg; (600/10)		Electric Boat Division, General Dynamics Corp. Groton, Connecticut	
	(90/12)			
1953	Bi; Do; Gg		Navy	OVW:62.316
1964	Bi; Do; Gg (6,000/10)		Navy/COMSUBPAC	
1967	Do; Gg; (11,000/24)		Bruce Industries, California	
1968	Fr; (150/6)			
	Do; (-/2)			
1968	Fr; (2,000/72)			
1958	Bi; Do; Fr; (170/-)		All Union Inst. of of Marine Fishery and Oceanography	

3. FLOATING PLATFORMS

Name of country and vessel	GT (Dispt)	Hull	LOA(LPP)xBxD(d)	Complement and (scientists)
USA				
Flip	1,500 horizontal 2,200 vertical		108.20 x 7.62x(4.18) (91.44)	6(3)
Nomad	(5)	S	6.10 x 3.05x(1.98)	
Oceanographic Research Buoy	(180)	S		
Pop	55 horizontal 115 vertical		71.05 x 1.75x(0.76) (61.00)	4
Sealab III		S		

Year built (converted) and retired	Purpose	Area of operation or base	Operating or controlling agency	Reference
1962	Do; Hy		Scripps Institution, University of Calif.	OVW:62.189
1954	Do; Mt		Bureau of Naval Weapons Scripps Institution of Oceanography	OVW:62.411
1966	Bi; Do		AV Electronics	OVW:62.499
	Do		Navy	

FAO FISHERIES TECHNICAL PAPER

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